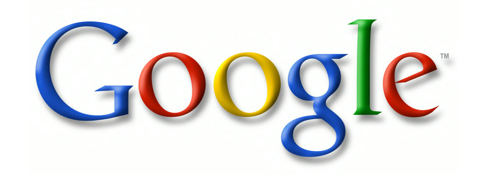
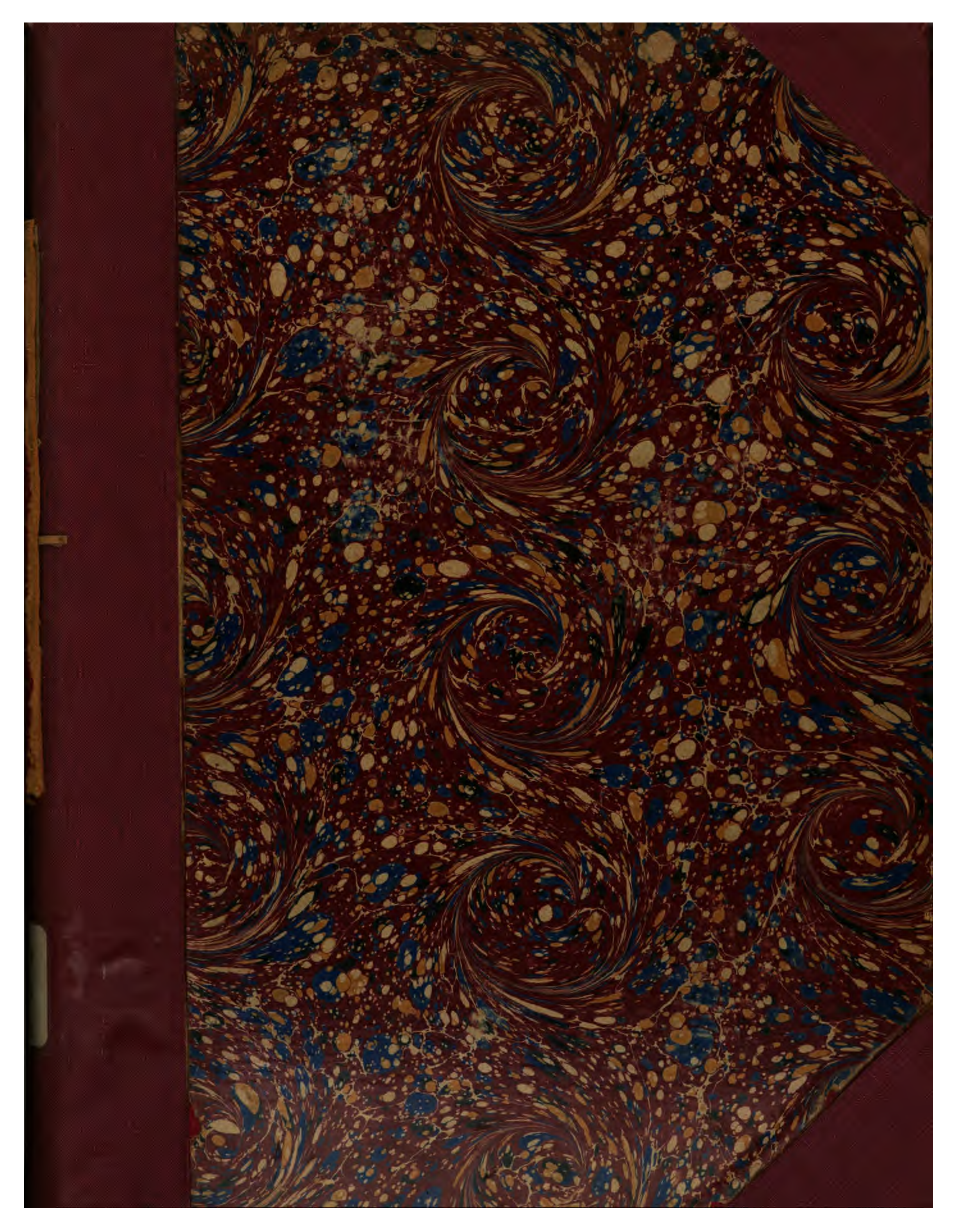






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KATALOG DER ASTRONOMISCHEN GESELLSCHAFT.

ZONE −6° BIS −10°.

KATALOG

DER

ASTRONOMISCHEN GESELLSCHAFT.

ZWEITE ABTEILUNG.

KATALOG DER STERNE BIS ZUR NEUNTEN GRÖSSE

ZWISCHEN 2° UND 23° SÜDLICHER DEKLINATION

FÜR DAS AEQUINOKTIUM 1900.

ZWEITES STÜCK.

ZONE −6° BIS −10°

BEOBACHTET AUF DER STERNWARTE

WIEN-OTTAKRING.

LEIPZIG 1904.

IN KOMMISSION BEI WILHELM ENGELMANN.

KATALOG VON 8468 STERNEN

ZWISCHEN 5° 50′ UND 10° 10′ SÜDLICHER DEKLINATION 1855

FÜR DAS AEQUINOKTIUM

1900

NACH ZONEN-BEOBACHTUNGEN AM REPSOLDSCHEN MERIDIANKREISE

DER

VON KUFFNERSCHEN STERNWARTE ZU WIEN-OTTAKRING

IN DEN JAHREN 1892 BIS 1902

VON

L. DE BALL.

HERAUSGEGEBEN VON DER ASTRONOMISCHEN GESELLSCHAFT.

LEIPZIG 1904.

IN KOMMISSION BEI WILHELM ENGELMANN.

Time Conversation
(6-10)
(English)

EINLEITUNG.

Der folgende Katalog enthält 8468 Positionen von Sternen, deren Deklinationen (1855.0) nach der B. D. zwischen den Grenzen $-5°50'$ und $-10°10'$ liegen; davon gehören 44 Sterne dem Fundamentalkatalog für die südlichen Zonen an. Die Beobachtungen, auf denen die im Katalog gegebenen Örter der Zonensterne beruhen, wurden am Repsoldschen Meridiankreise der von Kuffnerschen Sternwarte angestellt; die freie Öffnung des Objektivs beträgt 123^{mm}, die Brennweite 150^{cm}, die Vergrößerung des angewandten Okulars ist eine 120fache (Publikationen der von Kuffnerschen Sternwarte, 1. Band, p. 16). Bei guter Luft sind Sterne $9^m.5$ noch sicher zu beobachten. Um aber das Beobachtungsprogramm in möglichst kurzer Zeit zu erledigen, mußten auch solche Abende benutzt werden, an denen der Himmel dunstig und die Bilder verwaschen oder unruhig waren; dann aber bereiten schon die Sterne $9^m.0$ nicht unerhebliche Schwierigkeiten. Die erste Zone wurde am 19. Januar 1892 beobachtet. Vom 20. August bis zum 19. Dezember 1892 mußten die Beobachtungen unterbrochen werden, da es sich als notwendig herausgestellt hatte, neue Fäden einzuziehen. Zwischen dem 20. Dezember 1892 und dem 25. März 1896 finden sich nur Lücken von höchstens ein- bis zweimonatlicher Dauer. An dem zuletzt genannten Datum waren die Beobachtungen so weit erledigt, daß ich mich in der Folge auf die Ausnutzung der klaren Nächte in den Winter- und Frühjahrsmonaten beschränken konnte. Im Jahre 1896 beobachtete ich noch im November und Dezember, in den Jahren 1897 und 1898 vom Januar bis März, endlich zwei isolierte Zonen am 21. Mai 1898 bzw. am 12. Januar 1899. Hauptsächlich zu Revisionszwecken dienten die in die Zeit vom 25. November 1901 bis zum 26. August 1902 fallenden Zonen 403 bis 434 sowie eine isolierte Deklinationsbestimmung am 6. Februar 1903.

Die Passagen sind stets registriert worden, und zwar unter Anwendung eines Hippschen Chronographen und, für die weitaus überwiegende Anzahl der Zonen, einer ausgezeichneten Pendeluhr: Kutter Nr. 47; nur für die Zonen 336 bis 357 ist eine Urbansche Uhr benutzt worden, deren Gang sich übrigens für die Zonenbeobachtungen als vollkommen zufriedenstellend erwiesen hat. Die Programmsterne habe ich im allgemeinen an mindestens 5 Fäden beobachtet; in Deklination wurde gewöhnlich nur einmal eingestellt, doch sind stets zwei um 180° voneinander entfernte Mikroskope abgelesen worden. Für die ersten in der Kreislage Ost beobachteten Zonen 39 bis 62 bot die Ablesung des Kreises erhebliche Schwierigkeiten; wie nachträglich erkannt wurde, lag der Grund zum Teil darin, daß die Mikroskopobjektive an der Innenseite verschmutzt waren. Auch nach der Reinigung sämtlicher Mikroskoplinsen ließen die Bilder der Teilstriche immer noch zu wünschen übrig; erst die neuen von Herrn Hensoldt in Wetzlar gelieferten Mikroskope, welche von Zone 239 an zur Verwendung kamen, lieferten wirklich gute Bilder. Auf die Fundamentalsterne kamen meistens 2 bis 3 Einstellungen in Deklination, und außerdem wurden sie durchweg an sehr viel mehr Fäden beobachtet wie die Zonensterne. Die Anzahl der in einer Zone vorkommenden Fundamentalsterne beträgt gewöhnlich 4 bis 6.

Die Aufstellung des Instruments ist zwar häufig, aber nicht an jedem Abend bestimmt worden; seltener erfolgte die Bestimmung des Kollimationsfehlers, der auch in längeren Zeiträumen kaum eine Veränderung zeigt. Die Neigung des Horizontalfadens wurde aus den zwei- oder dreimaligen Einstellungen eines und desselben Sterns abgeleitet. Für die Zonen 168 bis 263 ist außer der Neigung des Horizontalfadens noch eine Krümmung desselben in Rechnung gezogen worden. Unter der Annahme, daß der Faden die Figur einer Parabel habe, deren Scheitel im Mittelfaden liegt, ergab sich aus den mehrmals eingestellten Sternen, daß die Krümmung des Horizontalfadens für das von Zone 90 an benutzte neue Fadennetz im Anfang unmerklich klein gewesen sein muß; späterhin aber, und zwar schon von Zone 139 an, macht sich eine Krümmung bemerklich. Während aber bei Kreis West der als Parabel gedachte Faden nach unten gekrümmt war, ergab sich bei Kreis Ost eine nach oben gerichtete Krümmung des Fadens (Publikationen der von Kuffnerschen Sternwarte, 4. Band, pp. A. III bis IV; 5. Band, p. A. VI); es kann sich also nicht um eine durch die Schwere

verursachte Krümmung gehandelt haben. Als ich im Juni 1894 den beweglichen Horizontalfaden nacheinander dicht an die beiden Komponenten des bei der Einstellung der Sterne benutzten festen Horizontalfadens brachte, fand ich, daß die Komponenten zwar nur wenig, aber doch sichtbar von einer geraden Linie abwichen und daß die Mittellinie derselben keine ganz regelmäßige Kurve sein konnte; damit war die von dem verstorbenen Herrn Geheimrat Krueger geäußerte Vermutung bestätigt, daß der Horizontalfaden schlaff geworden sei und entweder infolge seiner Steifigkeit oder, weil er an den Vertikalfäden anhaftete, nach der Umlegung des Instruments nach der entgegengesetzten Seite gekrümmt sei wie vor der Umlegung. Unter diesen Umständen wurde es fraglich, ob die bisher über die Gestalt des festen Horizontalfadens bzw. der Mittellinie seiner Komponenten gemachte Annahme beizubehalten sei. Der Unterschied zwischen den Deklinationen, welche man erhält, je nachdem man den Horizontalfaden als eine Parabel mit dem Scheitelpunkte im Mittelfaden oder als gerade Linie ansieht, erreicht nur in Ausnahmefällen den Betrag $0''.2$, häufiger den Betrag $0''.1$; in der Mehrzahl der Fälle aber ist er verschwindend klein. Für die Zonen 168 bis 263 ist bei der ersten Berechnung der Zonenbeobachtungen auf die Krümmung des Fadens Rücksicht genommen worden, bei den späteren aber wurde sie vernachlässigt. Mit Rücksicht darauf, daß es nach dem Obigen zweifelhaft erscheint, ob die über die Gestalt des Fadens gemachte Annahme wirklich berechtigt ist, und weil die Differenz zwischen den mit und ohne Krümmung des Fadens berechneten Deklinationen überhaupt unbedeutend und wahrscheinlich kleiner ist als der aus der Unsicherheit der Neigungsbestimmung des Horizontalfadens hervorgehende Fehler, habe ich davon abgesehen, die früher ohne Rücksicht auf Krümmung abgeleiteten Deklinationen nachträglich zu ändern. Von Zone 342 an wurde ein neues Fadennetz angewandt, und seitdem scheint keine Krümmung mehr vorhanden gewesen zu sein.

Sämtliche Beobachtungen am Fernrohr sind von mir angestellt, bei der Ablesung des Kreises intervenierten die Herren Prof. Dr. S. Oppenheim, Dr. G. Eberhard, Prof. Dr. J. Hartmann, Prof. Dr. K. Schwarzschild, Privatdozent Dr. E. Großmann und der Assistent an der k. k. Zentralanstalt für Geodynamik, Herr O. Szlavik; nur für eine kleine Anzahl von Zonen habe ich selbst die Ablesung des Kreises besorgt. Der an den Mikroskopen tätige Kollege gab mir nach den Arbeitskatalogen, welche die Größen und die genäherten auf 1893.0 bezogenen Positionen der Sterne sowie ihre Nummern nach der B.D. enthielten, die dem zu beobachtenden Sterne entsprechende beiläufige Einstellung, seine ungefähre Entfernung vom Mittelfaden sowie seine Größe an; nachdem ich die Passagen beobachtet und den Stern in Deklination eingestellt hatte, erfolgte auf ein Zeichen hin die Ablesung des Kreises. Der Beobachter am Kreise notierte sich dann außer der Ablesung noch die Nummer des beobachteten Sterns nach der B.D. und vermerkte in dem Arbeitskatalog zur Seite des Sterns das Datum der Beobachtung; jetzt würde ich vorziehen, statt des Datums die Nummer der Zone angeben zu lassen. Unterdessen schrieb ich mir die geschätzte Größe des Sterns auf, ferner die Nummern der Fäden, an denen ich die Passagen beobachtet hatte, sowie auch die Nummer des Fadens, in dessen Nähe die Einstellung vorgenommen worden war.

Die Originalbeobachtungen nebst einer provisorischen Berechnung derselben sind in den Bänden 3 bis 6 der Publikationen unserer Sternwarte veröffentlicht worden. Ausführliche Angaben über die definitive Bearbeitung der Zonen finden sich im 3. Teil des 6. Bandes; an dieser Stelle beschränke ich mich darauf, einen Auszug aus der betreffenden Abhandlung zu geben. Die Örter der Anhaltsterne sind nach dem definitiven Auwersschen Fundamentalkatalog für die südlichen Zonen angenommen worden. Die Werte für die Uhrkorrektion und den Äquatorpunkt wurden zunächst für jede Zone gesondert durch eine Formel mit einem konstanten und einem der Zeit proportionalen Glied ausgeglichen. Um die Differenzen: beobachteter — berechneter Äquatorpunkt, welche eine Abhängigkeit von der Deklination zeigten, auszugleichen, bediente ich mich zweier Kurven, von denen die eine Kreis Ost, die andere Kreis West entspricht; die diesen Kurven entnommenen Differenzen waren also mit umgekehrtem Vorzeichen an die beobachteten Werte des Äquatorpunktes anzubringen. Bei einigen häufig beobachteten Sternen ist aber statt der aus den Kurven folgenden eine um höchstens $\pm 0''.2$ davon verschiedene Korrektion des Äquatorpunktes angenommen worden. Zwischen den Differenzen: beobachtete — berechnete Uhrkorrektion und der Deklination ist kein Zusammenhang wahrzunehmen, aber vereinzelte öfters beobachtete Sterne scheinen eine kleine Korrektion der auf ihnen beruhenden Uhrkorrektion zu verlangen, die denn auch angebracht wurde, aber nie die Grenzen $\pm 0^s.02$ überschritten hat. Es hätten nun die wegen der systematischen Fehler korrigierten Uhrkorrektionen und Äquatorpunkte nochmals durch eine Formel mit einem konstanten und einem der Zeit proportionalen Glied ausgeglichen und diese Formeln zur Neureduktion der Zonen benutzt werden können. Um aber das der Zeit proportionale Glied mit größerer Sicherheit zu bestimmen, habe ich es vorgezogen, außer den stets in geringer Anzahl (meistens 4 bis 6) vorhandenen Fundamentalsternen auch die Zonensterne selbst zu benutzen; dies geschah in folgender Weise. Jeder Stern war bekanntlich mindestens einmal in jeder der beiden Kreislagen zu beobachten; es kommt aber bei mir nie vor, daß die in einer Zone beobachteten Sterne auch in der anderen Kreislage sämtlich an einem und demselben Abende wiederbeobachtet sind, sondern ein Teil findet sich in einer Zone, ein anderer Teil in einer zweiten Zone usw. wieder. Schreibt man nun die Positionen der in einer zu untersuchenden Zone vorkommenden Sterne heraus, so wie sie sich aus den ihr korrespondierenden Zonen in erster Näherung ergeben haben, und subtrahiert diese Positionen von denjenigen, welche die provisorische Berechnung der zu untersuchenden Zone geliefert hat, so werden diese Differenzen, wenn die für die in Frage

stehende Zone ursprünglich gemachten Annahmen der stündlichen Änderung der Uhrkorrektion oder des Äquatorpunktes merklich unrichtig sind, einen Gang zeigen. Da die aus den Referenzzonen folgenden Sternpositionen selbst wieder fehlerhaft sind, so kann man als definitive Werte der stündlichen Änderung nicht ohne weiteres jene annehmen, welche den Gang verschwinden machen, sondern man wird auch auf die Fundamentalsterne Rücksicht nehmen müssen. Wenn nun die eben erwähnten Differenzen zwar einen Gang aufwiesen, die Beobachtungen der Fundamentalsterne aber keine oder zum mindesten nur eine wesentlich kleinere stündliche Änderung der Uhrkorrektion bzw. des Äquatorpunktes zuließen, als zur Beseitigung des Ganges erforderlich gewesen wäre, so habe ich die stündliche Änderung den Fundamentalsternen entsprechend angenommen. Umgekehrt, wenn die durch die Fundamentalsterne bestimmten Werte der Uhrkorrektion oder des Äquatorpunktes einen Gang zeigten, während die Vergleichung der durch die betreffende Zone bestimmten Sternpositionen mit denjenigen der Referenzzonen für einen konstanten oder nur wenig veränderlichen Wert der Uhrkorrektion oder des Äquatorpunktes sprach, so habe ich die stündliche Änderung der Uhrkorrektion oder des Äquatorpunktes den Zonensternen entsprechend angenommen. Die eben erwähnten zwei Arten von Fällen kommen aber nicht oft vor; die Regel ist, daß man für die stündliche Änderung ohne große Schwierigkeit Werte finden kann, welche sowohl mit den Beobachtungen der Fundamentalsterne als mit denjenigen der Zonensterne im Einklang sind. Mit Hilfe der definitiv angenommenen Werte der stündlichen Änderung der Uhrkorrektion bzw. des Äquatorpunktes wurden nun die aus den Fundamentalsternen folgenden Uhrkorrektionen und Äquatorpunkte jeder Zone auf ein mittleres Zeitmoment reduziert und die Mittel aus den reduzierten Werten genommen. Nachdem so die definitiven Werte der Uhrkorrektion und des Äquatorpunktes, gültig für ein mittleres Zeitmoment, sowie der stündlichen Änderung derselben gefunden waren, ergaben sich aus der Vergleichung derselben mit den provisorisch benutzten (wie sie also bei der Ableitung der in den Bänden 3 bis 6 der Publikationen unserer Sternwarte veröffentlichten Positionen zur Anwendung kamen) die Korrektionsformeln für die a. a. O. mitgeteilten Sternörter.

Es sind aber auch die direkt beobachteten, also nicht wegen systematischer Fehler korrigierten Einzelwerte der Uhrkorrektion und des Äquatorpunktes mit den nach den endgültig angenommenen Formeln berechneten verglichen und die Differenzen auf ihre Abhängigkeit von der Deklination untersucht worden. Die Kurven, welche die Differenzen: beobachteter — berechneter Äquatorpunkt, als Funktion der Deklination betrachtet, ausgleichen, sind ein wenig von den früher erhaltenen verschieden; es wären also die bisherigen Annahmen für die systematischen Korrektionen der beobachteten Äquatorpunkte etwas zu ändern, indessen ist der Unterschied der neuen Werte von den früheren nicht groß genug, um das Mittel der irgendeiner Zone entsprechenden Einzelwerte des Äquatorpunktes in merklicher Weise zu beeinflussen. Da für unser Instrument die Gleichungen gelten: Äquatorpunkt = Kreisablesung — Deklination für Kreis Ost, und = Kreisablesung + Deklination für Kreis West, so erhält man den richtigen Äquatorpunkt ebenfalls, wenn man die Korrektion gleich an die Kreisablesung anbringt. Es sind nun aber auch die den Zonensternen entsprechenden Kreisablesungen zu korrigieren oder, wenn man — wie ich es getan habe — die Deklinationen zunächst ohne Berücksichtigung dieser Korrektionen berechnet, sind die Deklinationen nachträglich in entsprechender Weise zu korrigieren. Aus den vorhin angeführten Gleichungen folgt, daß bei Kreis Ost die Korrektion der Deklination gleich der Korrektion der Kreisablesung, bei Kreis West aber ihr entgegengesetzt gleich ist. Diese Korrektionen sind bei der Bildung des Katalogs in Rechnung gezogen worden. Die Differenzen: beobachtete — berechnete Uhrkorrektion zeigen wiederum keine Abhängigkeit von der Deklination, aber deutlich eine Abhängigkeit von der Größe der Sterne; auf diesen Punkt werde ich weiter unten zu sprechen kommen.

Nachdem alle Zonen neu berechnet worden waren, wurden für jede Westzone diejenigen Positionen der in ihr vorkommenden Sterne ausgeschrieben, welche sich aus den der betreffenden Westzone korrespondierenden Ostzonen ergeben hatten; darauf wurden für jede Westzone die Differenzen gebildet: West — Ost und alle, welche sich auf ein und dieselbe Ostzone bezogen, in einen Mittelwert zusammengezogen. Die Differenzenmittel sind schließlich noch so geordnet worden, daß jedesmal alle, welche sich auf eine und dieselbe Ostzone, aber auf verschiedene Westzonen bezogen, in eine Tafel vereinigt wurden. Mit Hilfe dieser Differenzentafeln habe ich dann weiterhin die konstanten Korrektionen der einzelnen Zonen und die systematische Differenz: Kreis West — Kreis Ost zu bestimmen gesucht und zwar nach folgendem Prinzip. Die in einer Ostzone O beobachteten Sterne finden sich, wie schon bemerkt, nicht sämtlich in einer einzigen Westzone wieder, sondern sie verteilen sich auf mehrere Westzonen W_1, W_2, ..., W_m. Die Westzone W_1 hat aber außer mit O noch mit anderen Ostzonen O_1^1, O_1^2, ..., O_1^n Sterne gemeinschaftlich, ebenso hat die Zone W_2 außer mit O noch mit anderen Ostzonen O_2^1, O_2^2, ..., O_2^n Sterne gemeinschaftlich usw. Bildet man nun das Mittel aus den Differenzen $W_1 - O$, $W_1 - O_1^1$, $W_1 - O_1^2$, ..., $W_1 - O_1^n$ und subtrahiert dasselbe von $W_1 - O$, so erhält man die Reduktion der Zone O auf das Mittel aus O, O_1^1, O_1^2, ..., O_1^n; ebenso erhält man durch Subtraktion des Mittels aus $W_2 - O$, $W_2 - O_2^1$, $W_2 - O_2^2$, ..., $W_2 - O_2^n$ von $W_2 - O$ die Reduktion der Zone O auf das Mittel aus O, O_2^1, O_2^2, ..., O_2^n. Es werden sich also für die Zone O so viele Reduktionswerte ergeben als die Zahl der Westzonen beträgt, auf die sich die in O beobachteten Sterne verteilen; ist m die Anzahl dieser Westzonen und hat jede derselben außer mit O noch mit n anderen, voneinander verschiedenen Ostzonen Sterne gemeinschaftlich, so stellt das Mittel aus den m für die Zone O erhaltenen Reduktionswerten die Reduktion der Zone O auf das Mittel der $(m n + 1)$ Ostzonen O, O_1^1; ..., O_m^n dar, diesen Mittelwert betrachte ich als die

konstante Korrektion der Zone O. Bei der Anwendung der eben skizzierten Methode, die konstanten Zonenkorrektionen zu bestimmen sind aber noch einige Punkte zu berücksichtigen, auf die ich in meiner im 3. Teil des 6. Bandes unserer Publikationen veröffentlichten Arbeit näher eingehe. Dasselbe Verfahren, welches für die Bestimmung der konstanten Korrektionen der Ostzonen befolgt wurde, läßt sich natürlich auch auf die Westzonen anwenden. Hat man nun diese Korrektionen für alle Zonen ermittelt und korrigiert dann z. B. die obigen der Zone O und ihren Referenzzonen entsprechenden m Differenzen $W_1 - O$, $W_2 - O$, ..., $W_m - O$, so gibt das Mittel aus den korrigierten Differenzen einen Wert für den systematischen Unterschied: Kreis West — Kreis Ost. Im Mittel aus allen Ostzonen ergibt sich dieser Unterschied zu $+0^{s}.009$, $+0''.08$.

Bei der Bildung der im Kataloge enthaltenen Positionen ist auf die konstanten Zonenkorrektionen keine Rücksicht genommen worden; es ist aber anzuraten, bei der Benutzung des Katalogs von ihnen Gebrauch zu machen. Ich stelle also in der folgenden Tafel die konstanten Korrektionen zusammen; falls eine Zone nur wenige Sterne enthält, ist die Korrektion im allgemeinen gleich 0 angesetzt. In bezug auf die konstanten Korrektionen für die Ergänzungszonen findet man nähere Mitteilungen in der im 6. Bande, 3. Teil der Publikationen der von Kuffnerschen Sternwarte enthaltenen Abhandlung; an dieser Stelle möge die Bemerkung genügen, daß die angenommenen Werte sich auf die Vergleichung der aus den Ergänzungszonen folgenden Positionen mit den aus den früheren Zonen erhaltenen stützen, wobei aber an die letzteren vorher die konstanten Zonenkorrektionen angebracht wurden. Die Reduktion auf $\frac{1}{2}$ (Kreis Ost + Kreis West), welche nach dem Obigen $\pm 0^{s}.004$, $\pm 0''.04$ beträgt, kann vernachlässigt werden.

Tafel 1.

a. Konstante Korrektionen der Zonen 1 bis 402.

Einheit der $\Delta\alpha$ ist $0^{s}.01$.

Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ
1	+2	+0″.2	41	+3	−0″.4	81	0	−0″.2	121	−1	−0″.2	161	−1	−0″.1	201	+2	+0″.1
2	+2	−0.3	42	+1	+0.4	82	−1	0.0	122	−1	−0.1	162	0	0.0	202	+4	0.0
3	−3	−0.2	43	+1	0.0	83	0	−0.1	123	−1	+0.2	163	−1	−0.1	203	0	−0.2
4	−1	0.0	44	+1	−0.1	84	0	0.0	124	0	−0.4	164	0	0.0	204	0	+0.1
5	+7	+0.2	45	0	+0.1	85	0	0.0	125	+1	0.0	165	0	0.0	205	0	+0.1
6	+5	−0.5	46	+2	−0.4	86	+2	0.0	126	0	−0.2	166	−1	0.0	206	0	0.0
7	+5	−0.3	47	0	−0.2	87	+3	0.0	127	+1	−0.1	167	+1	0.0	207	0	0.0
8	0	−0.1	48	+1	+0.1	88	−2	+0.3	128	0	+0.3	168	−2	0.0	208	+1	−0.3
9	−2	0.0	49	0	+0.2	89	+4	+0.3	129	+1	+0.1	169	−1	−0.1	209	−3	+0.3
10	+1	−0.4	50	+1	0.0	90	+1	−0.3	130	−1	+0.2	170	+1	+0.2	210	+4	+0.3
11	0	−0.6	51	+2	+0.1	91	0	−0.1	131	0	0.0	171	0	+0.1	211	+1	−0.3
12	0	−0.3	52	+2	−0.2	92	+4	+0.1	132	−1	+0.2	172	+1	0.0	212	+1	−0.4
13	+3	+0.3	53	0	+0.5	93	+1	−0.2	133	0	+0.1	173	0	0.0	213	0	−0.2
14	−1	−0.5	54	+2	0.0	94	0	+0.2	134	+4	+0.3	174	0	−0.1	214	0	0.0
15	0	−0.1	55	+1	−0.1	95	0	−0.2	135	0	0.0	175	−1	−0.1	215	+3	+0.1
16	0	−0.2	56	+3	−0.5	96	+1	−0.2	136	+4	+0.4	176	0	−0.2	216	+1	−0.1
17	+4	+0.1	57	+2	−0.1	97	+3	+0.4	137	+1	−0.1	177	0	0.0	217	+2	+0.1
18	+1	−0.5	58	+4	−0.3	98	+4	−0.2	138	0	0.0	178	+4	−0.4	218	−1	+0.2
19	+2	+0.4	59	+5	−0.4	99	0	−0.1	139	+3	−0.2	179	−1	+0.1	219	+1	+0.2
20	0	+0.1	60	+3	+0.4	100	+3	+0.4	140	+3	−0.2	180	−2	0.0	220	0	+0.1
21	+4	0.0	61	+2	−0.4	101	+1	+0.1	141	0	0.0	181	−1	+0.3	221	+3	0.0
22	+1	−0.3	62	+2	−0.8	102	+1	+0.1	142	−2	+0.2	182	−1	+0.1	222	+1	−0.3
23	0	0.0	63	+2	+0.2	103	0	+0.3	143	−1	0.0	183	0	0.0	223	+1	+0.1
24	+2	0.0	64	+3	+0.1	104	+1	−0.3	144	−2	−0.4	184	−2	0.0	224	0	+0.2
25	0	−0.2	65	+1	0.0	105	+2	+0.6	145	−1	+0.1	185	+1	−0.4	225	+1	0.0
26	+2	+0.2	66	+3	0.0	106	0	0.0	146	−3	0.0	186	+2	+0.1	226	+2	0.0
27	+1	−0.1	67	+4	0.0	107	−1	0.0	147	0	+0.2	187	−2	+0.2	227	−2	0.0
28	0	+0.3	68	−2	+0.2	108	0	−0.8	147[a]	0	−0.2	188	−1	0.0	228	0	0.0
29	0	−0.3	69	+3	0.0	109	+3	0.0	148	0	−0.5	189	0	+0.5	229	0	0.0
30	−2	0.0	70	+2	+0.1	110	−1	+0.2	149	+1	0.0	190	+1	0.0	230	+2	+0.2
31	0	+0.6	71	+2	+0.2	111	+1	0.0	150	+2	0.0	191	−2	+0.4	231	+4	−0.2
32	+3	+0.1	72	+5	0.0	112	+3	+0.1	151	0	−0.2	192	−2	−0.1	232	+3	−0.1
33	0	+0.5	73	+2	+0.3	113	0	+0.2	152	0	+0.2	193	0	0.0	233	+1	0.0
34	0	+0.2	74	+1	+0.5	114	+3	−0.1	153	+3	+0.2	194	0	0.0	234	−2	−0.2
35	+3	−0.1	75	+1	−0.1	115	+2	+0.3	154	−1	0.0	195	+1	−0.2	235	0	+0.3
36	+3	+0.2	76	+1	+0.1	116	−1	−1.0	155	+2	−0.2	196	0	0.0	236	−1	−0.2
37	0	−0.2	77	+4	−0.3	117	+1	−0.2	156	−1	+0.4	197	0	0.0	237	−1	−0.1
38	+3	+0.1	78	+1	−0.3	118	+1	+0.1	157	+2	+0.2	198	+1	+0.1	238	+1	+0.1
39	+3	−0.1	79	0	+0.2	119	0	−0.3	158	−2	−0.1	199	−1	+0.3	239	−4	0.0
40	−2	0.0	80	+1	+0.4	120	0	−0.2	159	+1	+0.1	199[a]		+0.1	240	0	0.0
									160	+1	+0.1	200	+2	0.0			

Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ
241	−4	+0″.1	271	−1	0″.0	301	+2	+0″.1	331	−2	0″.0	361	−4	+0″.2	391	−3	+0″.1
242	−3	−0.2	272	0	+0.2	302	0	+0.1	332	−2	0.0	362	−4	0.0	392	−3	0.0
243	−3	+0.1	273	−2	+0.1	303	−2	0.0	333	−1	+0.1	363	0	−0.2	393	0	+0.2
244	−2	0.0	274	−2	0.0	304	0	0.0	334	−2	−0.1	364	−3	−0.1	394	0	0.0
245	−1	−0.1	275	0	0.0	305	+1	+0.3	335	−2	0.0	365	+1	−0.4	395	−5	0.0
246	−2	+0.1	276	−1	0.0	306	−3	+0.1	336	−1	0.0	366	−1	−0.4	396	−3	0.0
247	−1	−0.2	277	−2	−0.2	307	+2	+0.1	337	0	−0.2	367	−4	0.0	397	−1	0.0
248	−3	−0.1	278	−2	−0.3	308	0	0.0	338	0	+0.4	368	0	+0.3	398	−1	+0.3
249	−1	0.0	279	−2	0.0	309	+1	0.0	339	0	0 0	369	+1	0.0	399	−1	+0.1
250	−1	−0.2	280	−4	−0.4	310	0	−0.2	340	0	0.0	370	+3	0.0	400	−13	+0.1
251	0	+0.3	281	−1	−0.1	311	0	0.0	341	−1	+0.4	371	+4	0.0	401	−5	+0.5
252	−1	+0.1	282	0	+0.1	312	0	0.0	342	−1	+0.4	372	+1	+0.2	402	+1	0.0
253	0	+0.2	283	−1	+0.3	313	0	+0.2	343	−1	−0.2	373	0	−0.1			
254	0	0.0	284	0	0.0	314	−3	0.0	344	−2	0.0	374	0	0.0			
255	−1	+0.1	285	−2	−0.1	315	−3	0.0	345	−1	−0.1	375	+1	−0.9			
256	−3	−0.1	286	0	+0.2	316	−4	−0.5	346	0	0.0	376	0	0.0			
257	−1	−0.1	287	−1	0.0	317	−6	0.0	347	0	0.0	377	+4	+0.3			
258	0	0.0	288	−1	0.0	318	0	+0.1	348	+3	0.0	378	0	0.0			
259	−2	+0.2	289	−1	+0.3	319	−2	−0.3	349	−5	0.0	379	0	0.0			
260	−4	+0.2	290	−1	−0.4	319[a]		0.0	350	0	−0.5	380	−1	0.0			
261	−1	+0.5	291	+1	0.0	320	−1	−0.2	351	−4	0″.0	381	0	−0.1			
262	0	−0.3	292	0	+0.1	321	−4	−0.1	352	−3	0.0	382	−2	−0.1			
263	−1	−0.1	293	0	−0.3	322	−2	0.0	353	−2	+0.3	383	−1	0.0			
264	−3	−0.1	294	−3	+0.4	323	0	0.0	354	−2	−0.1	384	−7	+0.1			
265	−2	0.0	295	0	−0.2	324	−1	0.0	355	−4	+0.1	385	−1	+0.2			
266	−1	0.0	296	0	+0.7	325	−1	+0.4	356	−2	−0.1	386	−1	0.0			
267	0	0.0	297	+1	+0.2	326	−2	+0.4	357	−3	−0.2	387	−2	−0.3			
268	−3	+0.2	298	−3	−0.2	327	0	+0.2	358	−2	0.0	388	−2	0.0			
269	0	0.0	299	0	+0.2	328	−1	+0.1	359	−3	+0.2	389	−3	0.0			
270	−2	0.0	300	+1	+0.1	329	−4	0.0	360	+1	−0.2	390	−2	0.0			
						330	0	0.0									

b. Konstante Korrektionen der Ergänzungszonen 403 bis 434.

Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ
			411	−3	+0″.6	421	0	0″.0	431	−3	0″.0
			412		0.0	422	−3	0.0	432	−1	0.0
403	−1	0″.0	413		0.0	423	−3	0.0	433		+0.4
404		0.0	414	−3	0.0	424	−1	0.0	434		0.0
405	−3	0.0	415		0.0	425		0.0			
406	−3	0.0	416		−0.5	426	0	0.0			
407	0	0.0	417	−3	0.0	427		+0.6			
408		0.0	418	−3	0.0	428	−1	0.0			
409		0.0	419	−3	0.0	429		0.0			
410	−3	0.0	420	0	0.0	430		0.0			

Die zweite und dritte Kolumne der folgenden Tafel enthalten die Mittelwerte aus den konstanten Korrektionen der Zonen 1 bis 399.

Tafel 2.

Zonen	Mittel der konst. Korrekt.		Epoche 1800 +	Auwers Zonen	Mittl. konst. Korr. in A.R.	Epoche 1800 +
1—45	+0s.012	−0″.04	92.2	17—52	+0s.015	69.7
46—89	+0.016	0.00	92.5	53—88	0.000	70.1
90—131	+0.008	−0.03	93.2	89—123	+0.003	70.5
132—173	+0.002	+0.01	93.5	125—160	−0.012	70.8
174—215	+0.002	+0.01	93.8	162—195	−0.023	71.1
216—257	−0.004	+0.01	94.2	197—228	−0.004	71.4
258—298	−0.011	+0.02	94.7	229—237	−0.004	72.2
299—339	−0.010	+0.03	95.4	239—241	−0.005	73.4
340—357	−0.016	0.00	96.2			
358—384	−0.006	−0.04	97.0			
385—399	−0.019	+0.04	98.1			

Die mittleren konstanten Korrektionen meiner Zonen in A. R. zeigen also einen auffallenden Gang; sie sind anfangs positiv, später negativ. Ganz dieselbe Eigenschaft haben aber auch die mittleren konstanten Korrektionen in A. R. für die Auwersschen Zonen. Bringt man nämlich von den konstanten Korrektionen in A. R., welche Auwers für seine Zonen abgeleitet hat (AG-Katalog Berlin A, Einleitung p. 38 bis 40), denjenigen Teil, welcher die Reduktion auf ½ (Kreis Ost + Kreis West) darstellt (+0s.007 bei Kreis Ost, −0s.007

bei Kreis West), wieder in Abzug und bildet jedesmal für eine größere Anzahl von Zonen das Mittel aus den für sie geltenden Korrektionen, so erhält man die in der Kolumne 6 der vorigen Tafel stehenden Werte. Nun wird von der weitaus überwiegenden Mehrzahl der Beobachter der Durchgang eines Sterns durch einen Faden zu spät beobachtet und zwar wächst der begangene Fehler, wenn der Stern an Helligkeit abnimmt. Für zwei Beobachter (Boß und Flint), welche ihre Helligkeitsgleichung unter Anwendung von Gittern mehrmals bestimmt haben, hat sich ferner ergeben, daß der Fehler in der Beobachtung der Durchgangszeit für eine und dieselbe Helligkeit im Laufe der Zeit größer geworden ist, daß also die negative Korrektion, welche an die von ihnen beobachteten Durchgangszeiten eines Sterns von gegebener Größe angebracht werden mußte, im Anfang absolut genommen kleiner war als in späteren Jahren. Der Gang in den mittleren konstanten Korrektionen der Zonen von Auwers und mir würde sich nun erklären lassen, wenn man annähme, daß auch unsere Helligkeitsgleichung sich in demselben Sinne wie bei Boß und Flint geändert hat. Denn in diesem Falle würden die von Auwers und mir beobachteten Rektaszensionen in den späteren Jahren eine stärkere negative Korrektion erfordern wie in den früheren, folglich, da durch die Anbringung der konstanten Korrektionen alles auf die mittlere Epoche unserer Beobachtungen reduziert wird, müßten die mittleren konstanten Korrektionen — wenn man also, um den Einfluß der zufälligen Fehler zu eliminieren, die Mittel aus einer größeren Zahl aufeinanderfolgenden Zonenkorrektionen nimmt — für die ersten Zonen positiv und für die letzten negativ sein; eben diese Eigenschaft zeigen aber die in den Kolumnen 2 und 6 der vorigen Tafel enthaltenen mittleren konstanten Korrektionen.

In den Jahren 1893 bis 1895 habe ich unter Anwendung von Gittern meine Helligkeitsgleichung zu bestimmen gesucht. Nimmt man die Größen der mit vollem Objektiv beobachteten Sterne nach dem Berliner Jahrbuch an und diejenigen der abgeblendeten Sterne nach meinen, wie ich glaube, recht sicheren Schätzungen, so ergeben sich für die Reduktion der Durchgangszeit des um eine Größenklasse abgeblendeten Sterns auf diejenige des mit vollem Objektiv beobachteten die in der zweiten Kolumne der folgenden Tabelle mitgeteilten Werte; diese Werte gelten für die Epoche 1893.8. Die erste Kolumne gibt die durch die Gitter bewirkte Abblendung, ausgedrückt in Größenklassen, an, die dritte Kolumne enthält die Anzahl der mit und ohne Gitter beobachteten Passagen, die vierte Kolumne die mittlere Größe der abgeblendeten Sterne.

Abblendung	Red. für Abbl. = 1^m (1893.8)	Sterne	Mittl. abgebl. Größe
$1^m.2$	$+0^s.013$	2	8.0
2.7	−0.005	6	8.9
3.3	+0.002	5	8.5
4.5	−0.006	8	8.6
5.3	−0.005	3	8.8

Nimmt man die Gewichte der in der zweiten Kolumne stehenden Werte proportional der Zahl der Sterne an, so ergibt sich für die Reduktion des um eine Größenklasse abgeblendeten Sterns auf diejenige des mit vollem Objektiv beobachteten im Mittel der Wert $-0^s.0024$; setzt man aber die Gewichte proportional der Abblendung in Größenklassen, so erhält man für die eben genannte Reduktion den Betrag $-0^s.0025$.

Eine zweite Bestimmung meiner Helligkeitsgleichung ergibt sich auf folgende Weise. Es wurde oben bemerkt, daß die Differenzen: beobachtete — berechnete Uhrkorrektion, welche mit DUC bezeichnet werden mögen, eine Abhängigkeit von der Größe der Sterne zeigen, und zwar hat sich ergeben:

Größen	Mittl. Größe	Kreis Ost DUC	Kreis Ost Sterne	Kreis West DUC	Kreis West Sterne
1.0—2.9	2.2	$-0^s.012$	11	$-0^s.005$	9
3.0—3.9	3.3	−0.008	38	−0.002	41
4.0—4.9	4.3	+0.001	42	−0.002	43
5.0—5.9	5.3	+0.001	57	0.000	56
≧ 6.0	6.3	+0.004	52	+0.003	52

Ausgeschlossen wurden Sirius (DUC = $-0^s.010$, 18 Beob.) und Prokyon (DUC = $-0^s.03$, 1 Beob.). — Wie man sieht, ist der Gang in den Differenzen DUC für beide Kreislagen der gleiche. Im Mittel aus Kreis Ost und Kreis West ergibt sich, daß, um alles auf die Größe $4^m.0$ zu reduzieren, an die auf einem Stern von der Größe M beruhende Uhrkorrektion die Verbesserung anzubringen ist:

$$+0^s.003 \quad -0^s.0027\ (M - 4^m.0).$$

Nach Küstner (Astr. Nachr. Nr. 3778) sind aber die Rektaszensionen des Fundamentalkatalogs zu korrigieren um

$$+0^s.002 \quad -0^s.0052\ (M - 4^m.0),$$

die Reduktion der Durchgangszeit des um eine Größenklasse abgeblendeten Sterns auf diejenige des mit vollem Objektiv beobachteten beträgt also für den Durchschnittsbeobachter des Fundamentalkatalogs $-0^s.0052$. Der Koeffizient $-0^s.0027$ von $M - 4^m.0$ in der vorletzten Relation bedeutet die Differenz der für den Fundamentalkatalog und für mich gültigen Werte der eben angeführten Reduktion; für mich ergibt sich also der Wert $-0^s.0025$ und zwar gilt dieser für die mittlere Epoche der ersten 402 Zonen, nämlich für 1893.8. Die völlige Übereinstimmung des letzten Wertes mit dem oben erhaltenen kann nicht anders als rein zufällig betrachtet werden.

Gleicht man die in der 2. Kolumne der Tafel 2 enthaltenen mittleren Zonenkorrektionen durch eine Kurve aus und subtrahiert die dieser Kurve entnommenen Werte von den in Tafel 1 angegebenen Einzelwerten der konstanten Korrektionen der in den Jahren 1892 bis 1895 beobachteten Zonen 1 bis 339, vereinigt man darauf alle Differenzen, welche demselben Monat angehören, in Mittelwerte, so erhält man die in der zweiten Kolumne der folgenden Tabelle stehenden Zahlen. Die direkt erhaltenen Mittelwerte sind freilich um $0^s.001$ größer; ich habe $0^s.001$ subtrahiert, um für die Summe der Mittelwerte nahe den Wert 0 zu erhalten. Die vierte Kolumne der Tabelle enthält die Anzahl der zu einem Mittelwerte vereinigten Differenzen, oder, was dasselbe ist, die Anzahl der Zonen. Über die Bedeutung der in der dritten Kolumne stehenden Zahlen wird später Aufklärung gegeben werden. Es sind für die folgende Tafel nur die Zonen aus den Jahren 1892 bis 1895 benutzt worden, weil für jedes dieser Jahre Beobachtungen aus mindestens 9 Monaten vorliegen. Im Jahre 1896 wurde im Januar bis März sowie im November und Dezember beobachtet, in den Jahren 1897 und 1898 nur im Januar bis März; auf diese Beobachtungen werde ich noch gleich zu sprechen kommen.

Tafel 3.

(Einheit $0^s.001$)

Monat	Mittl. Diff.	Formel	Zonen
Januar	+8	+7	24
Februar	+3	+3	28
März	0	0	41
April	−9	−2	44
Mai	−3	−4	35
Juni	−4	−4	25
Juli	+2	−4	26
August	−5	−4	38
September	−5	−2	21
Oktober	−2	0	25
November	+5	+3	22
Dezember	+7	+7	10

In den in der zweiten Kolumne der vorigen Tabelle enthaltenen mittleren Differenzen ist nun ein Gang angedeutet, so zwar, daß dieselben zu Beginn des Jahres positiv sind, dann abnehmen und negativ werden, gegen Schluß des Jahres aber wieder positive Werte annehmen. Die Abnahme (algebraisch) der konstanten Korrektionen vom Anfang des Jahres zum Frühjahr hin zeigt sich auch bei den in den Monaten Januar bis März der Jahre 1896 bis 1898 beobachteten Zonen. Man erhält nämlich für die mittleren konstanten Korrektionen dieser Zonen folgende Werte:

1896	Mittl. konst. Korr.	Zonen	1897	Mittl. konst. Korr.	Zonen	1898	Mittl. konst. Korr.	Zonen
Januar	$-0^s.005$	2	Januar	$+0^s.012$	5	Januar	$-0^s.018$	5
Februar	−0.010	5	Februar	+0.005	6	Februar	−0.016	5
März	−0.020	11	März	−0.033	3	März	−0.022[1]	5

[1] Mit Ausschluß der Zone 400 (konst. Korr. = $-0^s.13$).

Betrachtet man die in der zweiten Kolumne der Tafel 3 enthaltenen mittleren Differenzen als für den 15. des Monats gültig, so würde man aus der Formel

$$\text{Mittl. Diff.} = -0^s.0045 + 0^s.054\,(\tau - 0.50)^2,$$

worin τ die seit Beginn des Jahres verflossene und in Dezimalteilen des Jahres ausgedrückte Zeit bedeutet, die in der dritten Kolumne der Tafel 3 angegebenen Werte finden.

Der anscheinend reelle Gang in den Zahlen der zweiten Kolumne der Tafel 3 rührt möglicherweise daher, daß meine Helligkeitsgleichung von der Jahreszeit abhängt und daß diese Abhängigkeit im Laufe der Jahre sich ändert. Eine Veränderung der Helligkeitsgleichung mit der Jahreszeit hat Herr Flint für seine Beobachtungen am Meridiankreise der Sternwarte in Madison sehr wahrscheinlich gemacht (Publications of the Washburn Observatory, Vol. XI). Findet aber für ihn ein Wechsel der Helligkeitsgleichung mit der Jahreszeit statt, so wird ein Gleiches auch für andere Beobachter zutreffen können, und man begreift, warum mitunter die Differenzen der von zwei verschiedenen Beobachtern bestimmten Örter der gleichen Sterne einen von der Rektaszension abhängigen Gang zeigen, trotzdem bei der Reduktion der Beobachtungen ein und derselbe Fundamentalkatalog angewandt ist. Wenn innerhalb des Zeitraumes, über den sich meine Beobachtungen erstrecken, die vorausgesetzte Abhängigkeit meiner Helligkeitsgleichung von der Jahreszeit unverändert geblieben wäre, so könnte von einem Einfluß der Jahreszeit auf die konstanten Korrektionen meiner Zonen kaum die Rede sein. Denn die Sterne, deren Beobachtungen in dem einen Jahre auf den Winter oder Sommer fallen, sind in den anderen Jahren im allgemeinen zu eben denselben Jahreszeiten beobachtet worden; bei einer für alle Jahre gleichen Abhängigkeit der Helligkeitsgleichung von der Jahreszeit verschwindet also aus den Differenzen zwischen den in verschiedenen Jahren erhaltenen Positionen, folglich auch aus den auf diesen Differenzen beruhenden konstanten Korrektionen das von der Jahreszeit abhängige Glied der Helligkeitsgleichung.

Nach Herrn Prof. van de Sande Bakhuyzen besteht die Ursache der Helligkeitsgleichung darin, daß eine gewisse Zeit vergeht, bis (bei Registrierbeobachtungen) das Bild des durch den Faden halbierten Sterns dem Beobachter zum Bewußtsein kommt, und eine weitere Zeit, bis der Beobachter auf diese Empfindung hin reagiert, und zwar wäre die Empfindungs- und Reaktionsgeschwindigkeit für schwache Sterne kleiner als für helle. Ist diese Erklärung richtig — und sie dürfte für viele Beobachter zutreffen —, so wird man erwarten können, daß die Helligkeitsgleichung sich besonders häufig in demjenigen Sinne ändert, wie er bei Auwers, Boß, Flint und mir zutage tritt. Denn es ist ja wahrscheinlich, daß in späteren Lebensjahren die Empfindungs- und Reaktionsgeschwindigkeit abnimmt, und zwar stärker für schwache als für helle Lichtreize; selbst die Annahme, daß der auch im Leben des Menschen bemerkbare Einfluß der Jahreszeit von Bedeutung für die Empfindungs- und Reaktionsgeschwindigkeit sei, dürfte nicht ohne weiteres abzuweisen sein. Im vorigen ist vorausgesetzt, daß der Beobachter das Signal in dem Augenblick abgibt, wo ihm der Stern durch den Faden halbiert erscheint; antizipiert er diesen Moment, sucht er also das Signal so zeitig abzugeben, daß dasselbe möglichst nahe mit dem Augenblicke zusammenfällt, in dem der Stern nach dem Urteil des Beobachters den Faden passieren wird, so sind die Verhältnisse ohne Zweifel wesentlich verwickelter.

Was die Genauigkeit der Beobachtungen angeht, so ergibt sich zunächst aus den Zonen 1 bis 38 und 63 bis 402 für den wahrscheinlichen Fehler einer Uhrkorrektion bzw. eines Äquatorpunktes bei Kreis Ost $\pm 0^s.020$, $\pm 0''.31$ und bei Kreis West $\pm 0^s.021$, $\pm 0''.31$. Für die Zonen 39 bis 62 war, wie schon oben erwähnt, die Ablesung der Mikroskope schwierig. Der wahrscheinliche Fehler einer Uhrkorrektion bzw. eines Äquatorpunktes beträgt für die genannten Zonen $\pm 0^s.019$, $\pm 0''.44$. Für die Ergänzungszonen 403 bis 434 endlich folgt im Mittel aus beiden Kreislagen als w. F. einer Uhrkorrektion bzw. eines Äquatorpunktes $\pm 0^s.021$, $\pm 0''.34$. — Um den mittleren Fehler einer Rektaszension bzw. Deklination zu finden, habe ich die Sterne in zwei Klassen eingeteilt, von denen die eine solche Sterne umfaßt, deren Größe mindestens 8.5 ist, während die andere sich auf Sterne bezieht, welche gleich oder schwächer als $9^m.1$ geschätzt wurden. Für jede dieser zwei Klassen wurden aus jedem der vier Deklinationsgrade unserer Zone je 5 der Mitte einer Rektaszensionsstunde vorausgehende und 5 ihr folgende Sterne ausgewählt und die Differenzen der Einzelpositionen von den Mittelwerten und ihre Quadrate gebildet. Die konstanten Zonenkorrektionen sind dabei nicht berücksichtigt worden. Als mittlerer Fehler einer Rektaszension bzw. einer Deklination hat sich ergeben:

A. R.	Sterne $\geqq 8^m.5$		Sterne $\leqq 9^m.1$	
0^h—11^h	$\pm 0^s.039$	$\pm 0''.63$	$\pm 0^s.050$	$\pm 0''.77$
12 —23	±0.037	±0.66	±0.050	±0.71

Jeder der vorigen Werte beruht auf 480 Sternen; im Mittel ergibt sich also für jede der beiden Sternklassen aus je 960 Sternen:

	Sterne $\geqq 8^m.5$		Sterne $\leqq 9^m.1$	
Mittl. Fehl. einer Beob.	$\pm 0^s.038$	$\pm 0''.65$	$\pm 0^s.050$	$\pm 0''.74$
Wahrsch. » » »	±0.026	±0.44	±0.034	±0.50

Zu dem Katalog sind noch folgende Bemerkungen zu machen: In der Kolumne Gr. ist im allgemeinen das Mittel der beobachteten Größen angegeben, auch wenn die Sterne in der einen oder anderen Zone infolge von Wolken, Nebel oder Dunst stark geschwächt erschienen; ausgeschlossen bei der Mittelbildung sind ohne Ausnahme die Größenschätzungen aus Zonen, in denen nur die Deklination beobachtet worden ist. Für die Verbesserung der A. R.-en wegen Helligkeitsgleichung können also die Größen nach dem Katalog angenommen werden. Fehlt die Größenschätzung bei einer Zone, in der die A. R. beobachtet wurde, so ist das Mittel aus den übrigen Größenschätzungen (mit Ausschluß der vorhin erwähnten) angegeben, jedoch ist in diesem Falle sowohl der Größe als auch der Nummer der Zone, in welcher die Größenschätzung fehlt, ein * beigesetzt. Wenn für einen Stern gar keine Größenschätzung gemacht worden ist, so wurde in der Kolumne Gr. die Größenangabe der B. D., in Klammern gesetzt, vermerkt. Falls die Mitte eines Doppelsterns beobachtet wurde, ist das Mittel der etwaigen Größenschätzungen der Komponenten am Fuße der Seite angegeben.

Die jährliche Präzession in A. R. sowie die Variatio saecularis in A. R. und Deklination sind nach den im 3. Bande der Publikationen der von Kuffnerschen Sternwarte veröffentlichten Tafeln (Struve) berechnet worden; die letzte Stelle kann also um eine Einheit falsch sein. Zur Berechnung der jährlichen Präzession in Deklination diente die Beckersche Tafel (Struve). Die ganze Präzessionsrechnung wurde zweimal durchgeführt. Für die in die Zone fallenden Fundamentalsterne wurde die jährliche Präzession und Variatio saecularis dem definitiven Fundamentalkatalog für die südlichen Zonen im Berliner astronomischen Jahrbuche für 1901 entnommen; ich habe leider zu spät bemerkt, daß die a. a. O. angegebene Var. saec. wiederholt um mehrere Einheiten der letzten Stelle fehlerhaft ist.

Die der Nummer der B. D. beigefügten Indices I, II (oder bei sehr kleinen A. R.-Differenzen A, B) und M sollen darauf aufmerksam machen, daß der betreffende Stern der B. D. ein Doppelstern ist, und daß entweder beide Komponenten beobachtet worden sind, oder außer einer der Komponenten noch die Mitte. Falls nur eine Komponente oder nur die Mitte eines Doppelsterns beobachtet wurde, hat die Nummer der B. D. keinen Index erhalten; die Angabe, worauf sich die Position bezieht, findet man in den Anmerkungen. Ebendaselbst habe ich die Einzelpositionen angeführt, wenn zwei derselben eine Abweichung $\geqq 0^s.20$ bzw. $2''.5$ voneinander zeigten, die gegenwärtig nicht als eine Folge der Eigenbewegung nachzuweisen ist.

Alle zur Reduktion der Originalbeobachtungen und zur Bildung des Katalogs erforderlichen Rechnungen sind entweder revidiert oder doppelt geführt worden, in einer Reihe von Fällen hat außerdem noch eine Superrevision stattgefunden; trotzdem ist es nicht ausgeschlossen, daß einige Fehler unbemerkt geblieben sind.

Zum Schluß habe ich noch eine Pflicht der Dankbarkeit zu erfüllen. Vor allem schätze ich mich glücklich, Herrn von Kuffner auch an dieser Stelle wieder meine große Erkenntlichkeit zum Ausdrucke bringen zu können sowohl für das lebhafte Interesse, mit dem er allzeit meine und meiner Mitarbeiter Bemühungen, die von seiner Sternwarte übernommene Aufgabe möglichst gut zu lösen, verfolgte, als auch für die vielen Opfer, welche er zum Gelingen unseres Werkes stets gerne und reichlich gebracht hat. Solange dieser Katalog den Astronomen nützlich sein kann und noch weit über diese Zeit hinaus wird man dankbar des Mannes gedenken, der durch die Gründung unserer schönen, mit den vorzüglichsten Instrumenten ausgerüsteten Sternwarte und durch seine unablässige Fürsorge um dieselbe die Ausführung der vorliegenden Arbeit erst möglich gemacht hat.

Ich danke auch allen, welche mich bei den Beobachtungen oder bei der Berechnung derselben unterstützt haben: den Herren Dr. F. Dolberg, Dr. G. Eberhard, Privatdozent Dr. E. Großmann, Prof. Dr. J. Hartmann, A. Hnatek, Prof. Dr. S. Oppenheim, O. Szlavik, Prof. Dr. Schwarzschild, Dr. Wedemeyer, k. u. k. technischer Offizial im Militärgeographischen Institute Adolf Weixler, Privatdozent Dr. Wirtz; namentlich Herrn Dr. Eberhard, der mehr als 3 Jahre lang mit großer Sorgfalt die Ablesung des Kreises ausgeführt und an der Reduktion der Beobachtungen eifrigst teilgenommen hat, sowie auch Herrn Weixler, dessen treuer Mitwirkung bei den Rechnungen ich mich vom Beginn bis zum Schlusse des Unternehmens erfreuen konnte, kommt ein großes Verdienst an dieser Arbeit zu. Endlich bin ich auch Herrn Offizianten W. List in München sehr dankbar dafür, daß er die große Mühe einer zweiten Lesung der Korrektur auf sich genommen und dadurch den Druck aller Wahrscheinlichkeit nach fehlerfrei gemacht hat.

Wien-Ottakring, Juni 1904.

L. de Ball.

CATALOG.

Zone —6° bis —10°. Wien-Ottakring.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1	*5.8	0^h 0^m 12^s.99	+3^s.0726	−0^s.0014	−6° 16′ 1″.4	+20″.052	−0″.009	93.8	179* 189	6° 6357
2	6.7	0 20.97	3.0724	0.0024	8 13 15.7	20.052	0.010	94.3	196 290	8 6242
3	9.3	0 32.69	3.0723	0.0025	8 27 38.9	20.052	0.010	94.4	203 296	8 6243
4	8.7	0 44.11	3.0720	0.0029	9 5 27.1	20.052	0.010	94.3	186 286	9 6319
5	9.2	1 45.42	3.0711	0.0027	8 56 55.9	20.051	0.012	94.8	280 286	9 6323
6	9.3	0 1 52.42	+3.0709	−0.0029	−9 20 1.9	+20.051	−0.013	94.4	200 297	9 6325
7	8.1	2 33.15	3.0705	0.0023	8 28 39.5	20.051	0.014	94.4	203 290	8 2
8	8.6	2 40.64	3.0711	0.0011	6 2 36.1	20.051	0.014	94.8	281 292	6 1
9	8.0	2 53.50	3.0702	0.0022	8 6 8.4	20.050	0.014	94.4	203 290	8 3
10	9.1	2 53.86	3.0700	0.0026	9 2 4.9	20.051	0.015	94.3	186 286	9 3
11	8.8	0 3 8.76	+3.0708	−0.0010	−5 54 4.3	+20.050	−0.015	94.3	195 292	6 3
12	6.5	3 10.92	3.0696	0.0028	9 22 47.5	20.050	0.015	94.4	200 297	9 5
13	7.9	3 23.60	3.0702	0.0018	7 20 56.5	20.050	0.016	94.3	192 296	7 3
14	9.2	3 38.97	3.0702	0.0014	6 38 41.5	20.049	0.016	93.8	90 281	6 5
15	8.7	3 41.97	3.0695	0.0023	8 27 13.5	20.049	0.016	94.4	203 290	8 5
16	8.5	0 3 54.99	+3.0692	−0.0025	−8 46 7.9	+20.049	−0.016	94.3 94.2	199^{a}δ 200 286	9 6
17	8.5	4 41.40	3.0692	0.0017	7 23 50.2	20.048	0.018	94.3 94.5	192 288δ 296	7 9
18	7.4	4 56.08	3.0679	0.0028	9 31 52.2	20.047	0.018	94.4	186 280 286	9 13
19	9.0	5 9.58	3.0678	0.0027	9 18 12.4	20.047	0.019	94.3	186 297	9 16
20	6.6	5 11.71	3.0696	0.0008	5 48 15.2	20.047	0.019	93.4	90 189	6 11
21	8.5	0 5 17.94	+3.0691	−0.0013	−6 35 46.2	+20.047	−0.019	94.3	195 292	6 12
22	8.7	5 22.10	3.0673	0.0030	9 50 50.8	20.047	0.019	94.4 94.2	199^{a}δ 200 297	10 11
23	9.0	5 37.96	3.0692	0.0010	6 13 38.8	20.046	0.020	94.3	195 292	6 14
24	8.8	6 2.58	3.0678	0.0019	7 55 54.9	20.045	0.020	94.2	196 203 290	8 13
25	8.7	6 28.70	3.0690	0.0007	5 37 29.2	20.044	0.021	93.4	90 189	5 17
26	8.5	0 6 58.49	+3.0672	−0.0017	−7 38 40.1	+20.043	−0.022	94.3 94.5	192 288δ 296	7 16
27	8.8	6 59.38	3.0668	0.0020	8 15 29.6	20.043	0.022	94.2	196 200 290	8 16
28	8.6	7 15.36	3.0658	0.0026	9 15 58.3	20.042	0.023	94.3 94.1	186 199^{a}δ 286	9 23
29	8.8	7 39.37	3.0667	0.0016	7 35 8.3	20.041	0.024	94.3	192 296	7 17
30	*8.2	7 47.23	3.0667	0.0015	7 28 6.6	20.041	0.024	94.3	192 296*	7 18
31	7.5	0 8 1.12	+3.0660	−0.0019	−8 14 23.9	+20.040	−0.024	94.3	196 290	8 18
32	8.3	8 5.45	3.0679	0.0007	5 47 52.7	20.040	0.024	94.3	189 292	6 19
33	9.2	8 12.62	3.0673	0.0011	6 31 57.3	20.039	0.025	94.3	195 292	6 21
34	9.5	8 15.45	3.0656	0.0020	8 27 27.1	20.039	0.025	94.6	203 280 296 297	8 19
35	7.0	9 3.00	3.0655	0.0017	7 45 11.6	20.036	0.026	94.3	196 290	8 24
36	8.1	0 9 10.37	+3.0638	−0.0025	−9 23 17.0	+20.036	−0.026	94.3 94.1	186 199^{a}δ 286	9 30
37	*5.5	9 20.81	3.0648	0.0019	8 20 12.8	20.035	0.027	94.4	203* 290	8 26
38	9.1	9 34.24	3.0646	0.0018	8 14 12.2	20.035	0.027	94.3	196 296	8 27
39	8.1	10 10.01	3.0658	0.0011	6 41 33.1	20.032	0.028	93.4	90 189	6 29
40	9.0	10 35.34	3.0642	0.0016	7 51 39.6	20.031	0.029	94.2	196 203 290	8 29
41	7.8	0 10 45.02	+3.0660	−0.0008	−6 9 25.6	+20.030	−0.029	94.1	189 195 292	6 30
42	8.7	10 45.40	3.0623	0.0025	9 25 56.9	20.030	0.029	94.3	186 286	9 32
43	8.4	11 15.36	3.0640	0.0014	7 35 7.6	20.028	0.030	94.3	192 288	7 29
44	8.6	11 46.70	3.0634	0.0015	7 44 52.1	20.026	0.031	94.3	192 288	7 32
45	9.4	12 3.03	3.0615	0.0022	9 5 27.0	20.024	0.032	94.8	280 286	9 38
46	8.6	0 12 41.66	+3.0640	−0.0009	−6 42 32.1	+20.021	−0.033	93.4	90 189	6 37
47	9.3	12 41.98	3.0640	0.0009	6 44 36.0	20.021	0.033	93.4	90 195	6 38
48	9.1	12 56.80	3.0606	0.0020	9 3 38.3	20.020	0.034	96.8 96.1	199^{a}δ 200 286 403	9 41
49	6.7	13 32.88	3.0608	0.0018	8 36 15.6	20.017	0.035	94.4	203 290	8 38
50	8.8	13 36.32	3.0613	0.0016	8 10 49.4	20.017	0.035	94.4	203 290	8 39

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
51	9.5	0h 13m 47s.58	+3s.0593	−0s.0023	−9° 31′ 29″.6	+20″.016	−0″.035	94.8	280 297	9° 44
52	9.1	14 6.26	3.0646	0.0003	5 36 15.2	20.014	0.036	94.3	195 292	5 40
53	3.3	14 19.95	3.0589	0.0023	9 22 41.8	20.013	0.034		**Fund. Cat.**	9 48
54	7.2	14 30.13	3.0612	0.0013	7 46 31.7	20.012	0.037	94.4	203 290	8 42
55	8.6	14 45.35	3.0636	0.0004	6 0 19.8	20.011	0.037	94.3	195 292	6 46
56	8.8	0 15 0.85	+3.0579	−0.0022	−9 36 42.4	+20.009	−0.038	94.4 94.2	199aδ 200 297	9 49
57	8.9	15 13.05	3.0579	0.0021	9 27 33.6	20.008	0.038	94.4 94.2	199aδ 200 297	9 51
58	8.5	15 56.95	3.0569	0.0022	9 39 57.3	20.004	0.039	94.3	200 286	9 53
59	9.1	16 3.89	3.0566	0.0023	9 47 14.5	20.003	0.040	94.4	203 297	10 55
60	8.9	16 7.51	3.0581	0.0017	8 50 10.5[1]	20.002	0.040	97.2	206 339 403	9 54
61	9.0	0 16 14.40	+3.0573	−0.0020	−9 17 19.2	+20.002	−0.040	94.9 94.5	199aδ 206 339	9 55
62	7.5	17 8.11	3.0627	0.0001	5 44 46.1	19.996	0.042	93.4	90 189	5 49
63	9.4	17 28.90	3.0598	0.0009	7 11 50.4	19.994	0.042	94.4	202 296	7 43
64	9.5	17 30.17	3.0603	0.0006	6 52 44.4	19.994	0.042	94.8	192 296 339	7 44
65	7.9	17 40.90	3.0549	0.0022	9 47 3.5	19.992	0.043	94.3 94.2	199aδ 200 286	10 58
66	8.5	0 17 43.36	+3.0548	−0.0022	−9 49 57.7	+19.992	−0.043	94.3 94.2	199aδ 200 286	10 60
67	*7.5	17 54.32	3.0599	0.0007	7 1 2.6	19.991	0.043	94.3	192* 288	7 48
68	8.6	17 54.59	3.0600	0.0007	6 55 29.9	19.991	0.043	94.3	192 288	7 47
69	9.3	17 55.56	3.0609	0.0004	6 26 41.3	19.991	0.044	93.4	90 203	6 58
70	9.0	18 8.99	3.0556	0.0018	9 10 21.9	19.989	0.043	96.9	203 297 403	9 60
71	9.2	0 18 43.27	+3.0609	−0.0003	−6 11 27.0	+19.985	−0.045	94.3	195 292	6 60
72	8.9	18 58.25	3.0534	0.0021	9 52 56.9	19.983	0.045	98.4	297 405	10 65
73	9.3	19 34.49	3.0557	0.0013	8 28 58.5	19.979	0.046	94.3	196 290	8 57
74	9.0	19 38.79	3.0542	0.0017	9 11 19.3	19.978	0.046	94.3 94.2	199aδ 200 286	9 68
75	9.3	20 16.93	3.0559	0.0012	8 6 23.5	19.974	0.048	94.3	196 290	8 58
76	9.6	0 20 44.05	+3.0603	−0.0001	−5 54 1.2[2]	+19.970	−0.048	95.9 98.1	292 365 434δ	6 66
77	7.1	20 47.23	3.0537	0.0015	8 54 19.6	19.970	0.049	94.3 94.2	199aδ 200 286	9 70
78	9.1	20 50.12	3.0586	0.0003	6 37 18.1	19.969	0.049	93.4	90 195	6 67
79	8.9	21 46.11	3.0592	0.0000	6 4 37.7	19.962	0.051	94.3	189 292	6 71
80	9.0	21 58.78	3.0578	0.0003	6 36 23.2	19.960	0.051	93.6	90 195 206	6 73
81	9.1	0 22 0.88	+3.0566	−0.0006	−7 9 28.3	+19.960	−0.051	94.2	192 202 288	7 57
82	8.3	22 2.68	3.0538	0.0012	8 25 49.6	19.959	0.051	93.4	93 196	8 65
83	7.9	22 15.29	3.0517	0.0016	9 12 39.6	19.958	0.051	94.3 94.2	199aδ 200 286	9 79
84	9.4	22 26.60	3.0508	0.0018	9 33 39.9	19.956	0.052	94.3	203 286	9 80
85	8.9	24 0.19	3.0524	0.0010	8 15 18.3	19.942	0.055	93.4	93 196	8 78
86	7.8	0 24 11.16	+3.0568	0.0000	−6 27 26.0	+19.940	−0.055	94.3	189 292	6 79
87	8.5	24 13.26	3.0575	+0.0001	6 11 12.7	19.940	0.055	94.3	195 292	6 80
88	8.5	24 15.76	3.0552	−0.0003	7 4 4.2	19.940	0.056	94.3	192 288	7 63
89	9,1	24 31.54	3.0542	−0.0005	7 23 13.2	19.937	0.056	95.9	288 363	7 64
90	8.4	24 55.19	3.0558	−0.0001	6 39 21.4	19.934	0.057	94.3	195 292	6 83
91	9.0	0 25 3.77	+3.0475	−0.0017	−9 47 17.2	+19.932	−0.057	94.3 94.2	199aδ 200 286	10 85
92	8.9	25 17.82	3.0551	−0.0002	6 49 7.3	19.930	0.058	94.3	202 288	7 67
93	9.0	25 24.52	3.0502	−0.0011	8 38 13.2	19.929	0.057	94.3	196 290	8 81
94	9.3	25 42.23	3.0516	−0.0008	8 1 11.6	19.926	0.058	94.3	196 290	8 82
95	9.2	25 57.21	3.0477	−0.0014	9 22 47.5	19.924	0.058	94.3 94.2	199aδ 200 286	9 92
96	8.9	0 26 42.71	+3.0526	−0.0004	−7 22 39.6	+19.916	−0.060	94.4	206 290	7 72
97	*8.1	26 51.48	3.0539	−0.0001	6 52 7.6	19.914	0.061	94.3	202* 288	7 73
98	8.6	27 0.45	3.0569	+0.0004	5 43 49.1	19.913	0.061	94.1	189 195 292	5 77
99	8.9	27 14.49	3.0503	−0.0007	8 3 43.2	19.911	0.061	93.4	93 196	8 87
100	8.9	27 29.60	3.0538	−0.0001	6 45 32.6	19.908	0.062	94.4	206 288	7 75

[1] 9s.5 12s.3 9s.7 [2] 2s.5 59s.4 1s.6

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
101	9.0	$0^h\ 27^m\ 32^s.23$	$+3^s.0457$	$-0^s.0014$	−9° 35′ 10″.7	+19″.907	−0″.061	94.3 94.2	$199^a\delta$ 200 286	9° 97
102	9.0	28 14.21	3.0527	−0.0001	6 56 42.8	19.900	0.063	94.4	202 290	7 77
103	9.3	28 52.83	3.0453	−0.0012	9 16 15.3	19.893	0.064	94.3 94.2	$199^a\delta$ 200 286	9 103
104	8.6	28 56.06	3.0501	−0.0004	7 38 46.3	19.892	0.065	94.4	206 288	7 80
105	8.6	29 10.25	3.0540	+0.0004	6 17 38.9	19.890	0.065	93.5	90 189 195	6 89
106[1]	7.3	0 29 22.45	+3.0515	0.0000	−7 3 10.6	+19.888	−0.066	94.3	202 288	7 82
107	*8.6	29 33.64	3.0460	−0.0009	8 50 56.9	19.885	0.065	94.3 94.2	$199^a\delta$ 200 286*	9 106
108	9.0	29 38.49	3.0453	−0.0010	9 1 54.6	19.885	0.065	95.9	286 365	9 107
109	9.1	29 45.18	3.0439	−0.0012	9 25 47.8	19.883	0.066	95.9	297 365	9 109
110	8.8	30 0.93	3.0497	−0.0003	7 30 50.0	19.880	0.067	94.4	206 290	7 84
111	8.7	0 30 26.29	+3.0519	+0.0001	−6 41 30.2	+19.875	−0.068	93.4	90 195	6 92
112	8.7	30 37.85	3.0452	−0.0009	8 45 39.3	19.873	0.067	94.4 94.2	$199^a\delta$ 200 297	9 111
113	9.3	30 39.52	3.0520	+0.0002	6 36 56.6	19.873	0.068	93.4	90 195	6 93
114	8.1	30 42.34	3.0462	−0.0007	8 27 8.6	19.872	0.068	93.4	93 196	8 93
115	9.0	30 45.09	3.0532	+0.0004	6 14 0.8	19.872	0.068	96.2	292 363 365	6 94
116	9.2	0 30 52.17	+3.0551	+0.0008	−5 36 12.6	+19.870	−0.069	94.4	206 296	5 87
117	6.9	30 54.90	3.0535	+0.0005	6 7 6.5	19.870	0.069	94.3	195 296	6 96
118	9.1	30 58.13	3.0528	+0.0004	6 18 37.1	19.869	0.069	95.9	292 363	6 97
119	9.0	31 2.11	3.0494	−0.0001	7 21 47.6	19.868	0.069	94.3	202 288	7 88
120	9.4	31 4.82	3.0455	−0.0007	8 33 33.8	19.868	0.068	94.3	196 290	8 96
121	8.8	0 31 17.82	+3.0439	−0.0009	−9 0 15.1	+19.865	−0.068	95.9	286 365	9 113
122	8.4	31 50.66	3.0496	0.0000	7 6 44.9	19.859	0.071	94.4	202 296	7 90
123	8.5	31 52.31	3.0511	+0.0003	6 39 26.9	19.858	0.071	94.3	195 292	6 101
124	9.2	32 19.60	3.0451	−0.0006	8 20 55.6	19.853	0.071	93.4	93 196	8 101
125	8.2	32 33.63	3.0406	−0.0011	9 37 25.1	19.850	0.071	94.5 94.3	$199^a\delta$ 200 286 297	9 117
126	8.5	0 32 51.50	+3.0508	+0.0004	−6 32 54.1	+19.846	−0.072	93.4	90 195	6 103
127	9.3	33 8.14	3.0458	−0.0003	7 57 56.9	19.843	0.073	93.4	93 206	8 108
128	8.9	33 27.58	3.0425	−0.0007	8 50 35.3	19.839	0.073	94.3 94.2	$199^a\delta$ 200 286	9 122
129	8.2	34 40.50	3.0424	−0.0005	8 33 12.1	19.823	0.075	94.3	196 296	8 110
130	9.1	34 41.99	3.0522	+0.0009	5 49 7.6	19.823	0.076	93.9	90 195 292	6 110
131	8.2	0 34 55.75	+3.0427	−0.0004	−8 25 17.1	+19.820	−0.076	93.4	93 196	8 112
132	*9.2	35 5.95	3.0387	−0.0009	9 28 51.4	19.817	0.076	99.5	365 410*	9 129I
133	9.3	35 6.57	3.0387	−0.0009	9 29 5.1	19.817	0.076	95.9	297 365	9 129II
134	8.9	35 17.82	3.0375	−0.0011	9 45 40.8	19.815	0.076	94.3 94.2	$199^a\delta$ 200 286	10 129
135	7.9	35 19.13	3.0431	−0.0003	8 12 11.0	19.814	0.077	94.4	206 296	8 113
136[2]	7.5	0 35 43.03	+3.0444	−0.0001	−7 46 45.1	+19.809	−0.078	94.4	206 296	8 117
137	8.1	35 51.20	3.0447	+0.0001	7 39 50.6	19.807	0.078	94.3	202 288	7 102
138	9.4	36 44.08	3.0481	+0.0006	6 34 32.0	19.795	0.080	93.4	90 195	6 115
139	8.0	36 46.97	3.0403	−0.0004	8 38 15.8	19.794	0.079	93.4	93 196	8 119
140	8.6	37 6.43	3.0470	+0.0005	6 47 42.0	19.790	0.081	94.3	202 288	7 106
141	9.0	0 37 9.62	+3.0494	+0.0008	−6 10 44.3	+19.789	−0.081	94.3	195 292	6 116
142	9.0	37 33.50	3.0444	+0.0003	7 24 43.4	19.783	0.081	94.4	202 296	7 107
143	7.0	38 13.98	3.0459	+0.0006	6 53 5.2	19.774	0.083	94.3	202 288	7 109
144	8.9	38 17.38	3.0341	−0.0009	9 51 55.6	19.773	0.082	94.5 94.3	$199^a\delta$ 200 286 297	10 142
145	9.0	38 27.96	3.0455	+0.0005	6 57 36.1	19.770	0.083	95.3	183 363	7 110
146	9.0	0 38 40.44	+3.0406	−0.0001	−8 7 53.0	+19.767	−0.083	94.4	206 296	8 126
147	9.0	38 53.55	3.0407	0.0000	8 4 36.1	19.764	0.084	96.9	206 297 403	8 128
148	7.9	39 9.63	3.0391	−0.0002	8 26 8.3	19.760	0.084	93.4	93 196	8 129
149	8.4	39 25.39	3.0480	+0.0010	6 10 24.7	19.756	0.085	93.4	90 195	6 124
150	8.9	40 9.06	3.0370	−0.0003	8 42 33.3	19.745	0.085	93.4	93 196	8 134

[1] Z. 288: Dpl. ? maj. [2] Z. 206: Dpl. maj., com. $9^m.5$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
151	9.2	$0^h\ 40^m\ 25^s.81$	$+3^s.0400$	$+0^s.0001$	$-7°\ 57'\ 44''.6$	$+19''.741$	$-0''.087$	94.6	93 206 365	8° 135
152	8.9	41 1.32	3.0469	+0.0011	6 11 28.9	19.732	0.088	93.4	90 195	6 131
153	8.9	41 9.44	3.0355	—0.0002	8 52 42.0	19.730	0.087	94.5 94.3	$199^a\delta$ 200 286 297	9 150
154	8.7	41 11.53	3.0429	+0.0006	7 6 47.7	19.729	0.088	93.8	183 202	7 117
155	8.6	41 22.95	3.0422	+0.0006	7 13 55.1	19.726	0.088	93.8	183 202	7 118
156	8.7	0 42 24.07	+3.0339	—0.0003	—8 57 49.5	+19.710	—0.090	94.5 94.3	$199^a\delta$ 200 286 297	9 153
157	8.0	42 48.03	3.0442	+0.0010	6 32 16.5	19.703	0.091	93.6	90 195 206	6 139
158	7.8	42 53.06	3.0293	—0.0006	9 53 55.1	19.702	0.090	94.3 94.2	$199^a\delta$ 200 286	10 164
159	8.8	44 10.44	3.0426	+0.0010	6 42 54.8	19.681	0.094	94.2	195 206 292	6 141
160	7.5	44 40.93	3.0345	+0.0002	8 23 40.0	19.672	0.094	93.4	93 196	8 145
161	9.1	0 44 44.59	+3.0338	+0.0001	—8 31 11.9	+19.671	—0.094	93.4	93 196	8 146
162	9.0	45 9.51	3.0418	+0.0010	6 44 17.6	19.664	0.095	93.4	90 195	6 145
163	8.6	45 18.16	3.0466	+0.0016	5 40 17.5	19.662	0.096	94.3	195 292	5 134
164	8.9	45 22.77	3.0449	+0.0014	6 2 26.8	19.660	0.096	94.9	206 339	6 146
165	8.2	45 27.02	3.0457	+0.0015	5 51 32.0	19.659	0.096	95.9	292 363	6 148
166	9.3	0 45 51.28	+3.0275	—0.0003	—9 38 15.3	+19.652	—0.096	95.9	286 365	9 167
167	8.7	46 7.47	3.0459	+0.0015	5 43 37.8	19.647	0.097	94.3	195 292	5 139
168	7.8	46 34.25	3.0283	—0.0002	9 21 45.6	19.640	0.097	94.4 94.2	$199^a\delta$ 200 297	9 171
169	8.5	46 40.03	3.0412	+0.0011	6 38 40.0	19.638	0.098	94.9 99.5	90α 363 410δ	6 151
170	9.1	46 42.35	3.0437	+0.0014	6 7 18.2	19.637	0.098	94.4	206 288	6 152
171	8.3	0 46 47.03	+3.0312	+0.0001	—8 42 38.8	+19.636	—0.098	93.4	93 196	8 154
172	8.9	46 51.06	3.0362	+0.0007	7 40 8.4	19.635	0.098	93.8	183 202	7 130
173	8.6	47 7.17	3.0414	+0.0012	6 32 41.5	19.630	0.099	94.3	195 292	6 153
174	9.0	47 43.23	3.0296	+0.0002	8 52 3.9	19.619	0.100	94.3 94.2	$199^a\delta$ 200 286	9 175
175	8.8	47 57.53	3.0245	—0.0003	9 49 28.2	19.615	0.100	95.9	297 365	10 180
176	8.3	0 48 1.90	+3.0427	+0.0014	—6 9 44.8	+19.613	—0.100	93.4	90 206	6 156
177	9.1	48 12.48	3.0424	+0.0014	6 11 59.1	19.610	0.101	94.4	206 288	6 157
178	9.5	48 20.54	3.0419	+0.0014	6 17 52.0	19.608	0.101	95.9	292 363	6 158
179	*8.3	48 40.00	3.0288	+0.0002	8 51 4.4	19.602	0.101	94.3 94.2	$199^a\delta$ 200* 286	9 180
180	9.0	48 46.01	3.0405	+0.0013	6 30 37.7	19.600	0.102	94.8 97.2	195 339 410δ	6 159
181	8.7	0 48 57.58	+3.0234	—0.0003	—9 51 56.5	+19.596	—0.102	95.9	297 365	10 183
182	*6.0	49 14.84	3.0261	+0.0001	9 16 55.3	19.591	0.103	94.3 94.2	$199^a\delta$ 200 286*	9 181
183	8.9	49 39.61	3.0335	+0.0008	7 46 51.9	19.583	0.103	93.4	93 196	8 163
184	8.8	50 5.79	3.0423	+0.0016	5 58 32.1	19.575	0.104	94.3	195 292	6 162
185	9.0	50 12.16	3.0377	+0.0012	6 52 48.5	19.573	0.104	93.8	183 202	7 138
186	9.1	0 50 25.13	+3.0371	+0.0012	—6 57 22.2	+19.569	—0.105	93.8	183 202	7 142
187	8.5	50 37.52	3.0284	0.0004	8 35 41.8[1]	19.565	0.105	96.9	196 296 403	8 165
188	6.0	50 39.18	3.0321	0.0008	7 53 16.1	19.564	0.105	93.4	93 206	8 167
189	8.9	50 57.08	3.0417	0.0017	6 0 10.7	19.559	0.106	93.4	90 195	6 165
190	7.6	51 5.41	3.0282	0.0005	8 33 52.7	19.556	0.106	94.3	196 296	8 168
191	8.0	0 51 8.99	+3.0306	+0.0007	—8 6 59.7	+19.555	—0.106	94.4	206 297	8 169
192	9.2	51 20.91	3.0421	0.0018	5 53 44.6	19.551	0.107	95.9	292 363	6 167
193	8.5	51 23.91	3.0348	0.0012	7 15 46.2	19.550	0.107	93.8	183 202	7 146
194	9.0	51 26.26	3.0355	0.0012	7 8 4.0	19.549	0.107	95.3	183 363	7 147
195	8.3	52 15.01	3.0375	0.0014	6 39 3.7	19.533	0.108	93.4	90 195	6 170
196	9.2	0 52 22.50	+3.0374	+0.0014	—6 38 38.3	+19.531	—0.109	93.4	90 195	6 171
197	9.2	53 31.99	3.0364	0.0015	6 41 22.5	19.507	0.111	94.3	195 292	6 174
198	6.8	53 41.85	3.0378	0.0016	6 25 14.2	19.504	0.111	94.4	206 292	6 176
199	9.2	53 43.44	3.0274	0.0008	8 17 24.7	19.504	0.111	93.4	93 196	8 174
200	9.5	53 58.08	3.0184	0.0000	9 52 35.8[2]	19.499	0.111	98.6	358 365 410	10 204

[1] $41''.0$ $43''.6$ $40''.9$ [2] $37''.3$ $34''.7$ $35''.5$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
201	8.9	0h 54m 28s.80	+3s.0416	+0s.0021	−5° 38′ 25″.8	+19″.488	−0″.113	96.9 98.4	206a 292 403	5° 163
202	9.6	54 38.31	3.0242	0.0006	8 44 8.6	19.485	0.112	95.9	297 365	8 176
203	7.6	54 48.01	3.0233	0.0006	8 51 49.2	19.482	0.113	93.9	5 Beob. [1]	9 196
204	8.6	54 49.30	3.0410	0.0020	5 43 22.3	19.481	0.113	93.4	90 206	5 168
205	9.3	55 6.58	3.0202	0.0003	9 22 10.5	19.475	0.113	94.3 94.2	$199^a\delta$ 200 286	9 197
206	7.5	0 55 48.48	+3.0164	0.0000	−9 54 46.8	+19.460	−0.114	94.3 94.2	$199^a\delta$ 200 286	10 209
207	8.8	56 18.44	3.0393	+0.0021	5 51 31.1	19.450	0.116	94.3	195 292	6 188
208	*7.5	56 30.97	3.0307	0.0013	7 20 16.7	19.445	0.116	93.8	183* 202	7 159
209[2]	*8.7	56 37.89	3.0354	0.0017	6 30 57.0	19.443	0.117	94.3	195 292*	6 190
210	9.0	57 4.40	3.0181	0.0004	9 23 52.9	19.433	0.117	94.4 94.2	$199^a\delta$ 206 286	9 205
211	8.9	0 57 21.25	+3.0306	+0.0015	−7 14 37.4	+19.427	−0.118	93.8	183 202	7 165
212	9.0	57 25.19	3.0228	0.0008	8 33 47.6	19.426	0.117	93.4	93 196	8 182
213	9.0	58 24.71	3.0366	0.0020	6 7 22.4	19.404	0.120	93.4	90 195	6 197
214	8.1	58 49.36	3.0149	0.0004	9 39 57.4	19.395	0.120	94.3 94.2	$199^a\delta$ 200 286	9 210
215	9.2	59 10.69	3.0204	0.0009	8 43 7.0	19.387	0.121	94.6	93 196 365	8 185
216	9.3	0 59 18.52	+3.0171	+0.0007	−9 14 7.1	+19.384	−0.121	94.3 94.2	$199^a\delta$ 200 285	9 213
217	8.7	59 20.48	3.0377	0.0023	5 50 25.7	19.384	0.122	96.9	195 292 403	6 200
218	7.9	59 33.53	3.0375	0.0023	5 51 28.4	19.379	0.122	94.3	195 292	6 201
219	8.6	59 35.58	3.0231	0.0011	8 12 50.0	19.378	0.121	94.3	196 297	8 186
220	8.5	59 43.58	3.0365	0.0022	6 0 18.5	19.375	0.122	94.6	90 206 358	6 202 I
221	8.7	0 59 43.96	+3.0364	+0.0022	−6 0 31.3	+19.375	−0.122	94.6	90 206 358	6 202 II
222	9.0	1 0 41.57	3.0335	0.0020	6 23 31.1	19.353	0.124	94.4	206 292	6 204
223	9.5	0 44.73	3.0282	0.0016	7 14 31.9	19.352	0.124	93.8 97.9	183a 202 410δ	7 173
224	7.8	0 56.28	3.0159	0.0007	9 11 41.2	19.347	0.124	94.3 94.2	$199^a\delta$ 200 285	9 218
225	8.6	1 41.13	3.0150	0.0008	9 13 50.8	19.330	0.125	94.5 94.3	$199^a\delta$ 200 285 297	9 220
226	9.3	1 1 57.06	+3.0361	+0.0024	−5 51 29.4	+19.324	−0.127	95.2	195 292 363	6 207
227	9.4	2 36.00	3.0298	0.0020	6 47 38.9	19.309	0.128	93.8	183 206	7 174
228	8.6	2 45.54	3.0169	0.0010	8 46 8.1	19.305	0.127	94.3 94.2	$199^a\delta$ 200 286	9 221
229	9.1	3 6.56	3.0220	0.0014	7 56 33.3	19.297	0.128	94.9	93 365	8 196
230	7.6	3 23.93	3.0297	0.0020	6 42 31.8	19.290	0.129	94.3	195 292	6 212
231	9.2	1 4 13.37	+3.0184	+0.0013	−8 21 4.2	+19.270	−0.130	94.4	206 297	8 201
232	9.4	4 59.25	3.0229	0.0017	7 35 35.1	19.251	0.131	93.8	183 202	7 185
233	*9.0	5 0.12	3.0217	0.0016	7 46 11.6	19.251	0.131	94.3	196 297*	8 205
234	8.7	5 7.45	3.0183	0.0014	8 15 28.3	19.248	0.131	94.4	206 297	8 207
235	9.1	5 9.38	3.0245	0.0018	7 19 42.3	19.247	0.132	95.5	202 336 358	7 187
236	6.4	1 5 11.02	+3.0103	+0.0009	−9 26 16.0	+19.246	−0.131	94.3 94.2	$199^a\delta$ 200 285	9 227
237	7.8	5 27.42	3.0290	0.0022	6 37 3.4	19.240	0.133	93.4	90 195	6 220
238	9.3	5 47.66	3.0156	0.0013	8 35 6.8	19.231	0.132	94.9	93 365	8 208
239	8.8	5 53.52	3.0249	0.0020	7 11 49.4	19.229	0.134	95.4 98.0	206 358a 410δ	7 190
240	9.0	6 6.14	3.0213	0.0017	7 41 57.2	19.224	0.133	96.4	336 363	7 192
241	9.0	1 6 18.28	+3.0223	+0.0018	−7 31 29.0	+19.219	−0.133	93.8	183 208	7 193
242	8.6	6 31.27	3.0333	0.0026	5 52 17.6	19.213	0.135	94.3	195 292	6 226
243	8.2	6 39.99	3.0157	0.0014	8 27 37.1	19.210	0.134	96.2	93 196 403	8 210
244	8.0	7 26.61	3.0061	0.0008	9 45 16.8	19.190	0.135	94.3 94.2	$199^a\delta$ 200 285	9 237
245	9.1	7 41.12	3.0085	0.0010	9 22 30.6	19.184	0.136	94.3 94.2	$199^a\delta$ 200 286	9 239
246	7.1	1 7 45.68	+3.0227	+0.0020	−7 18 50.3	+19.182	−0.137	93.8	183 206	7 196
247	9.1	7 55.36	3.0114	0.0012	8 55 31.3	19.178	0.136	94.4	208 285	9 240
248	9.2	8 22.69	3.0280	0.0024	6 30 0.1	19.166	0.138	02.0	403 410	6 232
249	9.1	8 42.81	3.0113	0.0013	8 50 40.9	19.158	0.138	94.3 94.2	$199^a\delta$ 200 285	9 241
250[3]	7.9	8 53.99	3.0160	0.0016	8 9 7.7	19.153	0.138	94.3	196 297	8 214

[1] ZZ. 93 196 $199^a\delta$ 200 296 [2] Dpl. maj. [3] 9m.6 nahe

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
251	8.3	1^h 9^m $20^s.07$	$+3^s.0135$	$+0^s.0016$	$-8°26'55''.6$	$+19''.141$	$-0''.139$	93.6	93 196 208	8° 215
252	5.5	9 21.69	3.0135	0.0016	8 27 38.7	19.141	0.139	93.4	93 196	8 216
253	9.1	9 57.94	3.0042	0.0010	9 39 52.1	19.125	0.140	94.3 94.2	199^{a}δ 200 285	9 246
254	9.3	11 5.48	3.0221	0.0024	7 4 33.3	19.095	0.143	93.8	183 206	7 202
255 [1]	...	11 14.92	3.0176	0.0021	7 40 34.4	19.091	0.142	95.5	206 336 358	7 204
256	9.3	1 11 50.18	+3.0271	+0.0027	−6 19 18.4	+19.075	−0.144	93.4	90 195	6 241
257	7.6	12 18.70	3.0280	0.0027	6 9 34.0	19.062	0.145	93.4	90 195	6 244
258	9.3	12 36.13	3.0002	0.0011	9 52 46.6	19.054	0.144	94.3 94.2	199^{a}δ 200 285	10 274
259	9.2	12 40.05	3.0259	0.0026	6 24 49.1	19.052	0.146	95.2	195 292 363	6 246
260	7.3	12 40.85	3.0127	0.0018	8 11 15.3	19.052	0.145	93.4	93 196	8 224
261	9.1	1 13 43.60	+3.0120	+0.0019	−8 9 38.8	+19.023	−0.147	94.3	196 297	8 226
262	9.2	13 52.01	3.0221	0.0026	6 49 10.0	19.020	0.148	93.8	183 202	7 209
263	8.3	13 55.08	3.0114	0.0019	8 13 54.0	19.018	0.147	93.4	93 208	8 227
264	9.3	13 55.62	3.0253	0.0027	6 23 21.4	19.018	0.148	94.3	195 292	6 250
265	8.5	13 59.17	3.0092	0.0017	8 30 57.2	19.016	0.147	94.4	206 297	8 229
266	9.0	1 14 1.32	+3.0021	+0.0013	−9 27 8.6	+19.015	−0.147	94.3 94.2	199^{a}δ 200 285	9 256
267	8.7	14 9.41	2.9984	0.0011	9 54 18.3	19.011	0.147	95.9	286 365	10 279
268	9.2	14 25.84	3.0194	0.0024	7 7 27.2	19.004	0.149	95.3	183 363	7 211
269	8.9	14 25.89	3.0080	0.0018	8 37 25.4	19.004	0.148	93.4	93 206	8 230
270	8.4	14 33.66	3.0290	0.0030	5 51 7.2	19.000	0.149	93.4	90 208	6 251
271	9.1	1 15 36.54	+3.0046	+0.0016	−8 56 21.2	+18.971	−0.150	94.3 94.2	199^{a}δ 200 285	9 260
272	8.8	15 59.16	3.0155	0.0024	7 28 52.0	18.960	0.152	93.8	183 206	7 212
273	9.2	16 7.25	3.0203	0.0027	6 51 23.6	18.956	0.152	94.9	202 336	7 215
274	6.7	16 15.05	3.0215	0.0027	6 40 57.5	18.952	0.152	94.6	90 195 363	6 256
275	9.2	16 24.29	3.0144	0.0023	7 35 16.0	18.948	0.152	93.8	183 208	7 217
276	9.1	1 16 24.35	+3.0071	+0.0019	−8 31 33.7	+18.948	−0.152	93.4	93 196	8 233
277	9.2	16 38.57	3.0020	0.0016	9 8 55.6	18.941	0.152	94.5 94.3	199^{a}δ 200 286 297	9 262
278	9.0	17 23.60	3.0120	0.0023	7 48 36.5	18.920	0.153	94.4	206 291	8 237
279	9.3	18 16.99	2.9971	0.0015	9 34 18.4 [2]	18.894	0.154	97.9 98.9	286 365 403 410δ	9 267
280	8.9	18 47.99	3.0145	0.0025	7 21 54.0	18.878	0.157	93.8	183 202	7 222
281	7.6	1 18 48.83	+3.0227	+0.0030	−6 20 8.2	+18.878	−0.157	94.4	208 292	6 264
282	6.7	19 0.65	3.0050	0.0020	8 31 38.8	18.872	0.156	93.4	93 196	8 243
283	**3.0**	**19 1.46**	**3.0036**	**0.0018**	**8 41 57.5**	**18.872**	**0.154**		**Fund. Cat.**	**8 244**
284	6.3	19 18.80	3.0135	0.0026	7 26 11.5	18.863	0.158	93.8	183 202	7 223
285	9.2	19 42.55	3.0208	0.0030	6 30 15.4	18.851	0.158	94.3	195 292	6 268
286	8.1	1 19 46.95	+3.0127	+0.0025	−7 30 21.3	+18.849	−0.158	93.8	183 202	7 224
287	9.3	19 52.13	3.0217	0.0030	6 23 12.5	18.847	0.159	95.6	208 336 363	6 269
288	7.1	19 58.24	3.0209	0.0030	6 28 2.9	18.844	0.159	93.4	90 208	6 270
289	9.1	20 11.78	3.0137	0.0026	7 20 45.0	18.837	0.159	95.3	183 363	7 225
290	9.1	20 12.38	3.0138	0.0026	7 19 47.8 [3]	18.837	0.159	95.8	183 358 363	7 226
291	8.7	1 20 14.83	+3.0164	+0.0028	−6 59 47.8	+18.835	−0.159	95.4	206 358	7 227
292	7.2	20 55.02	2.9993	0.0019	9 1 26.9	18.815	0.160	94.3 94.2	199^{a}δ 200 285	9 272
293	8.0	21 6.60	3.0143	0.0028	7 10 32.0	18.809	0.161	94.9	202 336	7 229
294	8.8	21 47.30	2.9979	0.0019	9 6 26.1	18.789	0.161	94.3 94.2	199^{a}δ 200 285	9 276
295	8.9	21 59.19	3.0163	0.0030	6 52 5.9	18.783	0.162	93.8	183 206	7 232
296	8.7	1 22 27.91	+3.0077	+0.0025	−7 51 47.4	+18.768	−0.162	94.6	93 208 365	8 250
297	7.4	22 28.86	2.9913	0.0016	9 48 55.2	18.767	0.161	94.3 94.2	199^{a}δ 200 285	10 309
298	8.2	23 14.56	3.0178	0.0032	6 35 41.2	18.744	0.165	93.4	90 195	6 275
299	9.0	23 21.17	3.0101	0.0028	7 29 42.9	18.740	0.165	93.8	183 206	7 237
300	8.1	23 59.02	3.0205	0.0033	6 13 5.3	18.721	0.166	95.2	195 292 363	6 278

[1] Dpl. med. ($9^m.1$ $9^m.0$) [2] $20''.1$ $17''.2$ $19''.4$ $17''.1$ [3] $48''.1$ $49''.0$ $46''.4$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
301	8.6	1^h 24^m $4^s.98$	+3ˢ.0107	+0ˢ.0028	−7° 21′ 55″.6	+18″.718	−0″.166	93.8	183 202	7° 239
302	9.0	24 36.26	3.0125	0.0029	7 7 3.5[1]	18.701	0.167	97.3	202 336 410	7 240
303	6.7	24 51.02	3.0210	0.0034	6 6 45.3	18.693	0.167	93.4	90 195	6 280
304	9.1	24 53.13	3.0116	0.0029	7 11 54.2	18.692	0.167	95.4	208 358	7 241
305	9.0	24 55.41	3.0118	0.0029	7 10 21.1[2]	18.691	0.167	97.2	208 336 403	7 242
306	9.3	1 25 5.36	+3.0127	+0.0031	−7 2 55.8	+18.686	−0.168	94.8	183 202 363	7 244
307	9.1	25 11.10	3.0007	0.0024	8 26 29.3	18.683	0.167	94.6	93 206 365	8 258
308	7.9	25 44.88	2.9989	0.0024	8 35 7.0	18.665	0.168	94.4	206 291	8 260
309	8.3	26 5.92	3.0206	0.0035	6 3 33.7	18.654	0.169	94.3	195 292	6 284
310	7.9	26 9.76	3.0077	0.0028	7 32 52.7	18.652	0.168	93.8	183 208	7 246
311	8.6	1 26 11.72	+2.9877	+0.0019	−9 49 33.6	+18.651	−0.168	94.3 94.2	$199^a\delta$ 200 285	10 324
312	7.8	26 59.71	3.0098	0.0030	7 14 0.7	18.625	0.171	93.8	183 206	7 250
313	8.3	27 0.36	3.0171	0.0034	6 24 24.1	18.624	0.171	94.3	195 292	6 289
314	8.9	27 52.43	2.9965	0.0024	8 39 49.6	18.596	0.171	94.6	93 205 365	8 265
315	7.2	28 4.35	2.9885	0.0021	9 31 44.0	18.590	0.171	94.3 94.2	$199^a\delta$ 200 285	9 298
316	9.0	1 28 8.55	+3.0157	+0.0034	−6 29 22.0	+18.587	−0.172	93.6	90 195 208	6 291
317	9.1	28 22.42	3.0047	0.0028	7 42 20.1	18.580	0.172	97.6 97.9	202 358a 410	7 254
318	6.6	28 40.86	3.0060	0.0029	7 32 11.3	18.570	0.173	94.9	206 336	7 256
319	8.5	29 3.74	3.0009	0.0028	8 4 42.4	18.557	0.173	93.9	93 205 291	8 269
320	8.6	29 14.99	3.0123	0.0034	6 47 4.4	18.551	0.175	93.8	183 202 208	7 257
321	9.1	1 29 18.65	+3.0136	+0.0034	−6 38 12.4	+18.549	−0.175	94.6	90 195 363	6 293
322	8.8	29 20.13	2.9925	0.0024	8 58 8.2	18.548	0.174	94.3 94.2	$199^a\delta$ 200 285	9 301
323	9.1	29 42.52	3.0213	0.0038	5 45 34.3	18.535	0.176	94.3	195 292	5 282
324	8.8	29 45.47	3.0020	0.0029	7 53 15.1	18.534	0.175	94.4	206 291	8 273
325	8.6	30 18.29	2.9998	0.0028	8 5 24.7[3]	18.515	0.176	97.7	93 205 403 410	8 274
326	8.9	1 31 8.08	+3.0099	+0.0033	−6 54 54.8	+18.487	−0.178	93.8	183 202 208	7 265
327	9.2	31 23.06	2.9870	0.0023	9 23 17.2	18.479	0.177	94.3 94.2	$199^a\delta$ 200 291	9 306
328	8.3	31 49.01	2.9998	0.0029	7 57 35.8	18.464	0.178	93.6	93 205 206	8 278
329	7.9	32 33.48	3.0057	0.0033	7 16 2.1	18.439	0.180	93.8	183 202	7 268
330	7.0	32 37.69	2.9808	0.0021	9 54 58.5	18.436	0.178	94.3 94.2	$199^a\delta$ 200 285	10 343
331	9.0	1 32 39.31	+2.9966	+0.0028	−8 14 7.7	+18.436	−0.180	95.5	205 338 358	8 281
332	9.2	32 59.31	3.0157	0.0037	6 10 18.0	18.424	0.181	94.3	195 292	6 306
333	9.0	33 9.71	3.0063	0.0033	7 9 47.0	18.418	0.181	93.8	183 202	7 269
334	8.6	33 11.51	3.0038	0.0032	7 25 30.9	18.417	0.181	94.4	208 294	7 270
335	8.7	33 37.63	2.9884	0.0026	9 1 4.6	18.402	0.181	94.3 94.2	$199^a\delta$ 200 291	9 313
336	7.3	1 33 43.97	+3.0146	+0.0038	−6 14 32.6	+18.398	−0.182	94.3	195 292	6 307
337	9.4	34 2.10	3.0084	0.0036	6 52 27.9	18.388	0.183	93.8	183 208	7 272
338	9.0	34 10.50	2.9997	0.0031	7 47 9.3	18.383	0.182	93.4	93 206	8 286
339	9.1	34 32.17	2.9983	0.0030	7 54 6.4[4]	18.370	0.183	96.4	93 206 358 403	8 288
340	8.7	35 1.78	2.9975	0.0031	7 57 22.0	18.353	0.184	94.9	205 338	8 289
341	9.1	1 35 15.17	+3.0051	+0.0034	−7 8 1.9	+18.345	−0.185	93.8	183 202	7 275
342	•8.8	35 18.59	2.9799	0.0024	9 44 56.3	18.343	0.183	94.3 94.2	$199^a\delta$ 200* 285	9 316
343	7.8	35 47.66	3.0050	0.0035	7 6 43.5	18.326	0.186	93.8	183 202	7 276
344	8.3	35 51.08	3.0093	0.0037	6 40 7.0	18.324	0.186	94.3	195 292	6 315
345	8.4	35 57.42	3.0165	0.0040	5 54 32.9	18.320	0.186	94.4	206 292	6 316
346	8.9	1 36 14.78	+3.0103	+0.0037	−6 32 35.5	+18.310	−0.187	94.3	195 292	6 318
347	9.2	36 19.57	2.9777	0.0023	9 52 40.7	18.307	0.185	94.3 94.2	$199^a\delta$ 200 291	10 358
348	8.6	36 24.78	3.0028	0.0034	7 18 3.1	18.304	0.187	93.8	183 208	7 280
349	9.1	37 2.54	2.9829	0.0027	9 17 41.0	18.281	0.187	94.4 94.2	$199^a\delta$ 208 285	9 321
350	8.3	37 5.21	2.9870	0.0029	8 51 56.1	18.280	0,187	94.4	206 291	9 322

[1] 2″.2 4″.8 3″.4   [2] 20″.9 23″.2(½) 20″.3   [3] 23″.4 26″.6 25″.5 23″.5   [4] 4″.3 7″.2 7″.2 6″.9

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
351	8.7	$1^h\ 37^m\ 23^s.39$	$+3^s.0025$	$+0^s.0035$	$-7°\ 15'\ 30''.8$	$+18''.269$	$-0''.189$	93.8	183 202	7° 282
352	9.0	37 31.33	2.9890	0.0029	8 37 47.9	18.264	0.188	93.4	93 205	8 297
353	7.1	37 33.09	2.9837	0.0027	9 9 54.6	18.263	0.188	94.3	200 291	9 324
354	9.2	37 51.93	2.9913	0.0031	8 22 2.1	18.251	0.188	94.9	205 338	8 298
355	9.1	37 56.28	2.9793	0.0026	9 34 29.7	18.249	0.187	95.2	208 291 365	9 327
356	9.2	1 38 17.85	+3.0180	+0.0043	−5 37 12.2	+18.236	−0.190	94.3	195 292	5 305
357	*8.3	38 21.71	2.9986	0.0034	7 35 25.2	18.233	0.189	94.4	206* 294	7 283
358	*7.8	38 22.38	2.9986	0.0034	7 34 51.5	18.233	0.189	94.4	206* 294	7 284
359	8.6	38 50.24	3.0138	0.0041	6 1 16.7	18.216	0.191	95.6	92 358 363	6 327
360	8.4	38 52.89	2.9826	0.0027	9 9 40.2	18.214	0.190	94.3 94.2	199*δ 200 285	9 329
361	7.5	1 38 53.14	+2.9944	+0.0032	−7 58 52.5	+18.214	−0.190	93.4	93 205	8 302
362[1]	6.8	39 43.30	3.0009	0.0036	7 16 7.7	18.184	0.193	93.8	183 206	7 287
363	[8.3]	39 43.54	3.0018	0.0036	7 10 19.5	18.183	0.193	93.8	183 208	7 288
364	9.4	40 52.71	2.9739	0.0026	9 50 41.6	18.141	0.192	96.4	338 365	10 370
365	**5.8**	**40 58.05**	**3.0104**	**0.0038**	**6 14 0.9**	**18.137**	**0.191**		**Fund. Cat.**	**6 336**
366	9.0	1 41 4.51	+3.0033	+0.0038	−6 56 36.6	+18.133	−0.195	94.9	206 336	7 291
367	9.0	42 10.51	2.9821	0.0030	8 56 5.0	18.092	0.195	94.5	208 285 291	9 338
368	9.1	42 14.10	3.0044	0.0039	6 45 7.4	18.090	0.197	95.9	292 363	6 339
369	8.6	42 32.25	2.9876	0.0032	8 22 32.8	18.078	0.196	94.4	205 289	8 312
370	9.1	42 37.80	2.9997	0.0037	7 11 46.5	18.075	0.197	94.4	206 294	7 296
371	8.7	1 43 16.44	+2.9728	+0.0027	−9 44 20.4	+18.050	−0.196	94.4	208 291	9 342
372	9.4	43 22.89	3.0130	0.0044	5 51 7.7	18.046	0.199	96.6	292 365 385	6 340
373	9.3	43 27.65	2.9829	0.0032	8 45 21.7	18.043	0.198	96.6	333 358 370	8 316
374	9.3	43 38.70	2.9990	0.0038	7 11 15.8	18.036	0.199	94.4	206 294	7 300
375	9.0	43 54.85	2.9814	0.0032	8 51 39.4	18.026	0.198	94.4	204 291	9 343
376	8.0	1 44 55.26	+2.9918	+0.0036	−7 48 14.3	+17.987	−0.200	94.4	205 289	8 324
377	8.8	44 57.27	3.0138	0.0045	5 41 11.3	17.986	0.201	94.4	209 292	5 324
378	8.5	44 59.74	3.0035	0.0041	6 40 26.8	17.984	0.201	93.4	92 208	6 345
379	8.7	45 0.90	2.9979	0.0039	7 12 52.4	17.984	0.201	94.4	206 294	7 306
380	7.2	45 13.87	2.9978	0.0039	7 12 7.3	17.975	0.201	94.4	206 294	7 307
381	9.2	1 45 26.18	+3.0073	+0.0043	−6 16 56.6	+17.967	−0.202	94.4	209 295	6 348
382	8.7	45 52.37	2.9928	0.0037	7 38 9.2	17.950	0.202	95.9	294 363	7 309
383	9.1	46 2.15	3.0104	0.0044	5 57 56.4	17.944	0.203	95.9	295 363	6 351
384	9.0	46 22.70	2.9825	0.0034	8 34 17.6	17.930	0.202	94.4	208 289	8 325
385	8.7	46 31.74	2.9860	0.0035	8 14 5.7	17.925	0.203	95.9	291 365	8 326
386	6.5	1 46 38.05	+2.9951	+0.0039	−7 22 8.8	+17.920	−0.204	94.4	206 294	7 310
387	9.2	46 45.16	2.9819	0.0034	8 35 53.8	17.916	0.203	94.4	208 289	8 327
388	9.3	47 42.47	2.9859	0.0036	8 9 22.9	17.878	0.205	95.9	291 365	8 331
389	9.0	47 52.80	2.9841	0.0036	8 19 6.7	17.871	0.205	93.5	96 205	8 332
390	8.9	48 49.72	3.0111	0.0047	5 45 33.3	17.834	0.208	94.6	92 209 358	5 336
391	9.0	1 49 1.48	+2.9742	+0.0033	−9 8 45.9	+17.826	−0.206	94.4	204 291	9 353
392	8.7	49 27.83	2.9879	0.0039	7 51 54.4	17.808	0.208	93.5	96 205	8 339
393	8.1	49 36.86	2.9997	0.0043	6 45 50.7	17.802	0.208	94.4	209 295	6 360
394	8.4	49 42.47	2.9914	0.0040	7 31 7.9	17.798	0.209	94.4	206 294	7 318
395	7.9	49 48.18	2.9961	0.0042	7 4 55.9	17.794	0.209	94.4	206 294	7 319
396	9.5	1 49 53.99	+2.9755	+0.0034	−8 57 34.7	+17.790	−0.207	96.4	338 365	9 355
397	8.7	50 34.89	2.9735	0.0034	9 5 26.1	17.763	0.209	94.4	208 291	9 356
398	9.3	50 50.26	2.9969	0.0042	6 56 59.3	17.752	0.210	94.4	206 294	7 323
399	9.0	52 7.74	2.9930	0.0042	7 13 34.1	17.700	0.212	94.4	206 294	7 328
400	7.9	52 14.40	2.9809	0.0038	8 18 10.3	17.695	0.213	93.4	96 204	8 346

[1] Dpl. maj.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
401	9.5	1h 52m 23s.53	+2s.9775	+0s.0037	−8° 35′ 59″.1	+17″.689	−0″.212	94.9	205 338	8° 348
402	8.0	52 31.41	2.9918	0.0042	7 18 59.8	17.683	0.213	96.4	336 363	7 330
403	8.3	52 33.30	2.9838	0.0039	8 1 26.9	17.682	0.213	93.4	96 204	8 349
404	8.8	52 37.45	3.0096	0.0048	5 42 55.6	17.679	0.214	93.5	92 209	5 353
405	9.2	52 53.00	2.9707	0.0034	9 10 3.0	17.668	0.213	95.9	291 365	9 364
406	9.0	1 53 7.59	+3.0002	+0.0045	−6 31 25.5	+17.658	−0.214	94.4	209 295	6 373
407	9.5	53 13.16	3.0010	0.0045	6 27 22.9	17.655	0.215	97.4	358 385	6 374
408	9.0	53 18.75	2.9730	0.0035	8 56 3.2	17.651	0.213	94.4	208 291	9 367
409	9.0	53 22.00	2.9878	0.0041	7 36 44.8	17.648	0.214	94.4	206 289	7 333
410	7.0	53 28.54	2.9883	0.0041	7 33 58.9	17.644	0.215	94.4	206 289	7 334
411	8.4	1 53 30.73	+2.9822	+0.0039	−8 6 14.8	+17.642	−0.215	93.4	96 204	8 354
412	8.6	54 7.72	2.9663	0.0034	9 28 6.4	17.617	0.215	94.9	208 338	9 372
413	8.6	54 12.35	2.9732	0.0037	8 50 57.3	17.613	0.215	95.9	291 365	9 373
414	9.5	54 20.48	2.9987	0.0046	6 35 58.5	17.608	0.216	95.9	295 363	6 376
415	8.9	54 32.48	2.9770	0.0038	8 29 46.5	17.599	0.216	93.5	96 205	8 355
416	8.8	1 54 33.71	+2.9956	+0.0045	−6 52 4.0	+17.599	−0.216	95.9	294 370	7 337
417	8.8	54 51.44	2.9870	0.0042	7 36 19.3	17.586	0.217	94.4	206 289	7 338
418	9.0	54 54.89	2.9638	0.0033	9 37 27.2	17.584	0.215	94.9	208 338	9 378
419	9.2	54 54.93	3.0062	0.0048	5 54 21.3	17.584	0.218	93.5	92 209	6 378
420	8.3	54 56.38	2.9881	0.0042	7 30 6.6	17.583	0.217	95.9	289 363	7 339
421	[5.8]	1 55 28.99	+2.9704	+0.0036	−9 0 29.3	+17.560	−0.217	95.9	291 365	9 380
422	8.8	55 46.21	2.9834	0.0041	7 51 59.8	17.548	0.218	94.9	204 336	8 360
423	6.7	55 51.54	2.9707	0.0036	8 57 16.5	17.544	0.217	94.4	208 291	9 382
424	9.1	56 0.89	2.9597	0.0032	9 53 39.1	17.537	0.217	96.4	338 365	10 418
425	8.7	56 27.41	2.9925	0.0045	7 1 22.3	17.519	0.219	94.4	206 294	7 343
426	9.1	1 56 44.34	+3.0074	+0.0050	−5 43 11.8	+17.506	−0.221	93.5	92 209	5 374
427	9.1	56 57.84	2.9971	0.0047	6 36 4.6	17.497	0.220	95.9	295 363	6 386
428	8.8	57 24.62	2.9813	0.0041	7 56 25.3	17.478	0.221	93.6	96 204 205	8 367
429	8.3	57 44.13	2.9902	0.0044	7 9 37.4	17.464	0.221	94.4	206 294	7 347
430	9.2	58 6.56	2.9670	0.0037	9 7 2.7	17.448	0.221	96.9	362 365	9 388
431	9.3	1 58 6.75	+2.9814	+0.0041	−7 53 33.1	+17.448	−0.222	93.6	96 204 205	8 369
432	9.3	58 8.67	2.9813	0.0041	7 54 2.6	17.446	0.222	94.3	204 289	8 371
433	9.0	58 15.59	2.9598	0.0034	9 42 57.1[1]	17.441	0.220	99.7	358 385 403 410	9 389
434	9.1	58 34.73	2.9671	0.0037	9 4 39.1	17.427	0.222	94.9	208 291 338	9 391
435	7.3	58 39.45	2.9567	0.0033	9 56 28.2	17.424	0.221	96.9	362 365	10 424
436	8.9	1 58 45.11	+2.9681	+0.0038	−8 58 49.3	+17.420	−0.222	94.4	208 291	9 392
437	9.1	59 12.70	2.9868	0.0045	7 21 55.4	17.400	0.224	96.3	294 363 370	7 350
438	8.9	59 13.66	2.9909	0.0046	7 1 14.3	17.399	0.224	94.4	206 294	7 351
439	8.0	59 14.21	3.0006	0.0049	6 11 30.2	17.399	0.225	93.5	92 209	6 397
440	9.2	59 21.90	2.9919	0.0046	6 55 22.8	17.393	0.224	94.9	206 336	7 352
441	9.1	1 59 26.88	+2.9602	+0.0036	−9 36 21.2	+17.390	−0.222	96.9	358 370	9 395
442	9.4	59 51.85	2.9745	0.0041	8 21 44.0[2]	17.372	0.225	93.9	96 204 205 289	8 374
443	9.1	2 0 8.74	2.9658	0.0038	9 4 48.8	17.359	0.224	94.4	208 291	9 397
444	9.4	0 12.10	2.9566	0.0035	9 50 25.0	17.357	0.223	96.4	338 365	10 427
445	9.0	0 26.19	2.9961	0.0048	6 31 1.9	17.346	0.226	94.9	92 363	6 399
446	8.7	2 0 30.91	+2.9629	+0.0037	−9 17 19.9	+17.343	−0.225	96.9	358 370	9 399
447	9.2	0 33.77	2.9966	0.0048	6 28 40.5	17.341	0.227	94.4	209 295	6 401
448	9.0	0 59.75	2.9824	0.0043	7 38 36.9	17.322	0.226	94.3	197 294	7 356
449	8.7	1 17.81	2.9576	0.0036	9 40 22.5	17.309	0.225	96.4	338 365	9 401
450	8.1	1 41.38	2.9985	0.0050	6 15 16.1	17.291	0.229	94.4	209 295	6 407

[1] 58″.5 55″.7 57″.7 56″.3 [2] 46″.1 (¼) 43″.6 43″.0 44″.9

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
451	6.6	2h 2m 5s.54	+2s.9642	+0s.0039	−9° 4′ 56″.9	+17″.273	−0″.227	94.4	208 291	9° 403
452	8.8	2 14.24	2.9808	0.0044	7 42 8.4	17.267	0.228	94.3	197 294	7 361
453	8.8	2 30.69	2.9910	0.0048	6 50 25.2	17.255	0.229	94.9	206 336	7 363
454	9.4	2 55.40	2.9726	0.0042	8 20 16.2	17.236	0.229	93.4	96 204	8 385
455	9.3	3 0.18	2.9708	0.0041	8 28 50.1[1]	17.233	0.230	98.2	205 289 403 410	8 386
456	9.2	2 3 1.06	+3.0023	+0.0051	−5 52 51.2	+17.232	−0.231	95.6	92 363 370	6 411
457	8.9	3 18.81[2]	2.9981	0.0050	6 13 5.9	17.219	0.231	98.4	295 406	6 412
458	8.4	3 27.49	2.9892	0.0047	6 56 37.7	17.212	0.231	94.3	197 294	7 365
459	6.5	3 32.86	2.9866	0.0046	7 9 11.1	17.208	0.231	96.4	336 370	7 366
460	9.4	4 17.24	2.9717	0.0042	8 19 59.4	17.175	0.231	95.0	96 370	8 391
461	9.2	2 4 52.77	+2.9608	+0.0039	−9 10 27.0	+17.148	−0.231	96.4	338 365	9 413
462	8.0	5 19.15	2.9599	0.0039	9 12 45.9	17.128	0.232	94.4	208 291	9 414
463	8.9	5 25.22	2.9814	0.0046	7 28 23.5	17.124	0.234	94.3	197 294	7 372
464	9.4	5 51.15	2.9727	0.0043	8 9 23.8[3]	17.104	0.234	95.9	96 205 289 403	8 395
465	8.7	6 14.70	2.9768	0.0045	7 47 53.6	17.086	0.234	95.9	289 370	8 397
466	8.7	2 6 18.99	+2.9977	+0.0052	−6 6 45.9	+17.083	−0.236	93.5	92 209	6 420
467	9.0	6 21.01	2.9591	0.0039	9 13 0.7	17.081	0.234	94.4	208 291	9 417
468	8.6	6 41.98	2.9914	0.0050	6 36 19.2	17.065	0.236	95.9	295 363	6 421
469	8.9	6 50.39	2.9563	0.0039	9 24 20.5	17.059	0.234	94.6	204 214 338	9 419
470	9.1	7 17.98	3.0004	0.0053	5 51 18.3	17.038	0.238	97.9 98.4	295 363a 406	6 423
471	9.3	2 7 48.85	+2.9729	+0.0044	−8 1 46.6	+17.014	−0.237	95.9	289 370	8 401
472	9.2	7 59.32	2.9716	0.0044	8 7 27.3	17.006	0.237	93.5	96 205	8 403
473	9.1	8 14.95	2.9923	0.0050	6 28 5.5	16.994	0.239	93.5	92 209	6 427
474	8.9	8 33.32	2.9746	0.0046	7 51 34.0	16.979	0.238	96.2	289 362 370	8 405
475	8.6	8 39.27	2.9564	0.0040	9 17 12.3	16.975	0.237	94.4	204 291	9 427
476	8.7	2 8 54.93	+2.9872	+0.0050	−6 50 36.9	+16.963	−0.239	94.3	197 294	7 381
477	9.0	8 55.47	2.9671	0.0044	8 25 33.7	16.962	0.238	94.9	205 338	8 406
478	6.8	8 58.05	2.9529	0.0040	9 31 58.9	16.960	0.236	94.4	208 291	9 429
479	9.2	9 5.90	2.9759	0.0046	7 43 16.2	16.954	0.239	94.3	197 294	7 382
480	7.8	9 21.75	3.0008	0.0054	5 44 10.4	16.942	0.241	95.9	295 363	5 411
481	9.2	2 9 36.32	+2.9923	+0.0051	−6 24 24.3	+16.930	−0.241	96.6	336 362 363	6 432
482	9.3	9 45.75	2.9717	0.0045	8 1 15.9	16.923	0.240	96.4	338 370	8 409
483	8.6	9 52.09	2.9901	0.0051	6 34 20.8	16.918	0.241	94.4	209 295	6 434
484	8.6	9 56.79	2.9830	0.0049	7 7 4.1	16.914	0.241	94.4	206 294	7 387
485	8.5	10 4.41	2.9712	0.0045	8 2 14.0	16.908	0.240	94.4	205 289	8 411
486	8.8	2 10 23.36	+2.9767	+0.0047	−7 35 30.8	+16.893	−0.241	94.8	197 336	7 389
487	7.2	10 33.51	2.9465	0.0038	9 55 56.3	16.885	0.239	94.3	204 287	10 460
488	9.1	10 37.34	2.9979	0.0053	5 55 15.7	16.882	0.243	95.9	295 370	6 436
489	8.9	10 46.14	2.9522	0.0040	9 28 43.7	16.876	0.240	94.4	204 291	9 431
490	8.9	11 11.06	2.9533	0.0041	9 22 11.6	16.856	0.241	94.4	208 291	9 433
491	9.3	2 11 11.27	+2.9719	+0.0045	−7 55 53.8	+16.856	−0.242	95.9	289 370	8 415
492	9.0	11 38.32	2.9999	0.0054	5 43 41.9	16.834	0.244	96.9	336 362 385	5 421
493	9.2	11 53.01	2.9690	0.0046	8 7 1.7	16.823	0.243	94.9	205 338	8 417
494	7.5	11 58.82	2.9828	0.0050	7 2 31.1	16.818	0.244	94.4	206 294	7 392
495	6.0	11 59.67	2.9848	0.0049	6 52 58.4	16.817	0.242		**Fund. Cat.**	7 393
496	9.4	2 12 21.34[4]	+2.9895	+0.0052	−6 30 39.7	+16.800	−0.245	98.0	295 370 410	6 444
497	9.3	12 50.54	2.9615	0.0044	8 38 16.4[5]	16.777	0.243	96.9 98.2	205 289 406 410^{a}δ	8 419
498	8.9	13 24.72	2.9893	0.0052	6 28 43.9	16.750	0.247	94.4	209 295	6 447
499	8.6	13 25.52	2.9816	0.0050	7 4 0.4	16.749	0.246	94.3	197 294	7 397
500	9.2	13 25.73	2.9710	0.0046	7 52 52.4	16.749	0.245	96.4	338 370	8 420

[1] 49″.4 52″.0 49″.7 49″.4 [2] 18s.68 18s.94 [3] 22″.1 (½) 22″.5 25″.1 24″.7 [4] 21s.42 21s.20 (½) 21s.34
[5] 14″.1 18″.2 15″.4 17″.9

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
501	7.9	2h 13m 31s.97	+2s.9586	+0s.0044	−8° 49′ 17″.3	+16″.744	−0″.244	94.3	204 287	9° 440
502	7.7	13 54.71	2.9702	0.0046	7 55 7.4	16.725	0.246	93.5	96 205	8 422
503	8.8	14 8.26	2.9780	0.0049	7 18 29.6	16.714	0.247	94.4	206 294	7 400
504	9.2	14 24.44	2.9749	0.0048	7 31 40.1	16.701	0.247	94.8	197 336	7 402
505	9.2	14 27.26	2.9861	0.0051	6 40 25.8	16.699	0.248	97.5	362 385	6 451
506	*7.7	2 14 56.90	+2.9844	+0.0051	−6 46 50.8	+16.675	−0.248	94.6	92 209* 370	6 453
507	9.3	14 59.97	2.9845	0.0051	6 46 21.4	16.673	0.248	95.9	295 370	6 454
508	8.9	15 23.73	2.9842	0.0052	6 46 44.8	16.653	0.249	93.5	92 209	6 455
509	8.0	15 32.30	2.9834	0.0052	6 50 11.3	16.646	0.249	93.9	92 206 294	7 407
510	*8.9	15 32.72	2.9859	0.0052	6 38 43.7	16.646	0.249	96.6 97.0	2* 336a 410	6 456
511	9.3	2 16 3.92	+2.9517	+0.0043	−9 11 30.8	+16.621	−0.248	94.2 94.4	204a 208 287	9 445
512	7.5	16 43.80	2.9672	0.0047	8 0 1.5	16.588	0.250	93.5	96 205	8 428
513	9.0	16 44.44	2.9760	0.0050	7 20 18.6	16.588	0.251	94.8	197 336	7 410
514	8.4	16 48.41	2.9791	0.0051	7 6 7.6	16.584	0.251	94.4	206 294	7 411
515	8.6	16 55.09	2.9423	0.0041	9 50 31.1	16.579	0.248	94.3	204 287	10 479
516	9.0	2 17 9.22	+2.9484	+0.0042	−9 22 44.2	+16.567	−0.250	94.4	214 287	9 450
517	9.1	17 13.57	2.9676	0.0047	7 56 14.9	16.564	0.251	94.4	205 289	8 430
518	*9.0	17 29.61	2.9851	0.0053	6 37 16.9	16.551	0.252	94.0	2* 92 362	6 463
519	9.1	18 4.00	2.9540	0.0044	8 54 33.2	16.522	0.251	94.4	208 287	9 452
520	9.3	18 16.78	2.9839	0.0052	6 40 39.9	16.512	0.253	94.4	209 295	6 467
521	8.9	2 18 20.87	+2.9624	+0.0047	−8 16 21.8	+16.508	−0.253	93.4	96 204	8 435
522	9.3	18 21.41	2.9834	0.0053	6 42 31.1	16.508	0.254	95.9	295 370	6 469
523	*7.3	18 23.74	2.9843	0.0053	6 38 48.2	16.506	0.254	92.5	5* 92	6 470
524	9.1	19 4.66	2.9612	0.0047	8 19 1.9	16.472	0.254	94.4	205 289	8 438
525	8.1	19 12.58	2.9674	0.0049	7 51 32.5	16.465	0.254	94.4	214 291	8 440
526	8.8	2 19 15.05	+2.9757	+0.0051	−7 14 25.0	+16.463	−0.255	95.2	197 294 362	7 419
527	8.5	19 21.68	2.9509	0.0045	9 3 44.3	16.458	0.253	94.4	208 287	9 455
528	9.1	19 28.23	2.9764	0.0051	7 10 52.6	16.452	0.255	94.2	197 206 294	7 423
529	9.2	19 37.47	2.9604	0.0047	8 21 7.5	16.444	0.254	94.4	205 289	8 442
530	*9.0	19 39.64	2.9876	0.0055	6 20 46.3[1]	16.443	0.256	96.7	2* 336 370 410	6 473
531	8.6	2 19 57.14	+2.9449	+0.0043	−9 27 51.7	+16.428	−0.254	94.3	204 287	9 456
532	9.1	20 27.99	2.9553	0.0046	8 40 59.5	16.402	0.255	95.9	289 370	8 445
533	9.4	20 33.88	2.9424	0.0043	9 36 44.8	16.397	0.254	95.9	291 371	9 457
534	8.8	20 51.03	2.9413	0.0042	9 40 37.0	16.383	0.254	94.4	214 291	9 459
535	9.0	20 55.29	2.9552	0.0046	8 40 11.8	16.379	0.255	97.0	338 385	8 446
536	7.6	2 21 1.95	+2.9409	+0.0042	−9 41 31.5	+16.374	−0.254	94.4	214 287	9 461
537	8.9	21 35.54	2.9450	0.0044	9 21 53.2	16.345	0.256	94.4	204 291	9 462
538	8.6	21 42.17	2.9716	0.0051	7 26 14.6	16.340	0.258	94.3	197 294	7 429
539	9.3	21 48.53	2.9839	0.0055	6 32 16.1	16.334	0.259	95.5	92 385	6 480
540	8.8	21 48.72	2.9792	0.0053	6 52 32.9	16.334	0.259	95.9	294 370	7 431
541	*8.3	2 22 6.36	+2.9835	+0.0055	−6 32 50.0	+16.319	−0.259	92.5	2* 92	6 481
542	7.4	22 41.02	2.9718	0.0051	7 22 36.1	16.290	0.260	94.3	197 294	7 432
543	9.0	23 1.92	2.9678	0.0050	7 39 0.9	16.272	0.260	96.4	336 370	7 435
544	9.0	23 22.10	2.9941	0.0058	5 43 46.0	16.255	0.262	94.4	209 295	5 467
545	9.2	23 24.87	2.9368	0.0043	9 51 5.2	16.252	0.258	94.4	214 287	10 496
546	9.2	2 23 26.36	+2.9653	+0.0050	−7 48 44.9	+16.251	−0.260	93.5	96 205	8 456
547	9.1	23 46.49	2.9680	0.0051	7 36 12.4	16.234	0.261	96.4	336 370	7 437
548	*9.3	23 47.47	2.9888	0.0057	6 6 15.1[2]	16.233	0.263	95.7	2* 92 406	6 484
549	8.9	23 48.74	2.9456	0.0045	9 12 0.6	16.232	0.259	94.3	204 287	9 467
550	8.4	24 4.10	2.9916	0.0057	5 53 34.5	16.219	0.263	94.4	209 295	6 486

[1] 47″.9 44″.4 46″.5 46″.6 [2] 13″.8 16″.4 15″.1

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
551	9.1	2ʰ 24ᵐ 25ˢ82	+2ˢ9688	+0ˢ0051	−7° 31′ 0″3	+16″200	−0″262	94.3	197 294	7° 440
552	9.3	24 33.75	2.9685	0.0051	7 31 40.2	16.193	0.262	97.0	361 370	7 441
553	8.8	24 52.14	2.9356	0.0043	9 50 43.2	16.178	0.260	94.4	214 287	10 503
554	9.2	24 57.22	2.9544	0.0047	8 31 0.2	16.173	0.261	94.4	205 289	8 465
555	*8.9	25 22.84	2.9786	0.0055	6 46 25.1	16.151	0.264	93.4	5* 295	6 490
556	9.1	2 25 51.61	+2.9849	+0.0057	−6 18 39.9	+16.126	−0.266	94.4	209 295	6 492
557	8.2	25 59.80	2.9547	0.0049	8 26 29.0	16.119	0.263	93.4	96 204	8 468
558	9.3	26 13.95	2.9702	0.0053	7 20 29.6	16.107	0.265	94.3	197 294	7 444
559	9.0	26 26.44	2.9570	0.0049	8 15 20.6	16.096	0.264	94.4	204 291	8 469
560	*9.0	27 9.83	2.9840	0.0057	6 19 4.0	16.058	0.268	95.7	5* 92 406	6 497
561	*8.5	2 27 22.21	+2.9656	+0.0052	−7 36 41.6	+16.047	−0.266	94.3	197* 294	7 447
562	9.2	27 26.80	2.9567	0.0049	8 13 57.8	16.043	0.265	93.5	96 205	8 475
563	9.1	27 31.07	2.9399	0.0045	9 24 2.2	16.040	0.265	95.9	204 291 362 385	9 476
564	9.0	27 32.47	2.9716	0.0053	7 11 4.5	16.038	0.267	96.4	336 370	7 448
565	8.5	28 0.74	2.9433	0.0046	9 8 29.1	16.014	0.265	94.4	214 291	9 478
566	9.3	2 28 14.26	+2.9694	+0.0053	−7 18 50.9	+16.002	−0.268	95.9	294 370	7 449
567	*8.3	28 54.28	2.9814	0.0057	6 26 43.5	15.967	0.270	92.5	2* 92	6 501
568	9.0	29 2.37	2.9532	0.0050	8 24 1.6	15.959	0.267	93.5	96 205	8 480
569[1]	...	29 8.29	2.9865	0.0059	6 4 31.0	15.954	0.271	93.5	7 295	6 502
570	*8.9	29 24.84	2.9767	0.0056	6 44 49.4	15.940	0.270	93.5	5* 295	6 503
571	6.2	2 29 46.53	+2.9542	+0.0050	−8 17 45.9	+15.920	−0.269	94.4	214 289	8 484
572	8.8	30 7.93	2.9559	0.0051	8 9 24.7	15.901	0.269	95.9	289 370	8 485
573	8.5	30 13.24	2.9308	0.0044	9 52 52.2	15.897	0.267	94.3	204 287	10 513
574	7.3	30 31.04	2.9320	0.0045	9 47 17.2	15.881	0.268	94.3	204 287	9 484
575	*8.9	30 33.82	2.9854	0.0059	6 6 24.7	15.878	0.273	93.0	2* 92 209	6 506
576	9.4	2 30 49.41	+2.9706	+0.0055	−7 6 58.6	+15.864	−0.272	96.9	336 362 385	7 456
577	8.8	30 57.47	2.9431	0.0048	9 0 9.4	15.857	0.269	94.4	214 291	9 486
578	9.2	31 3.04	2.9532	0.0050	8 18 23.6	15.852	0.270	94.4	205 289	8 488
579	6.0	31 4.63	2.9538	0.0050	8 15 58.3	15.851	0.271	95.0	96 370	8 489
580	9.2	31 36.42	2.9537	0.0050	8 14 53.3	15.822	0.271	96.4	338 370	8 491
581	8.7	2 32 1.94	+2.9456	+0.0050	−8 46 44.6	+15.800	−0.271	96.5	338 371	8 493
582	*9.3	32 5.69	2.9799	0.0057	6 26 4.4	15.796	0.275	93.5	2* 295	6 509
583	9.3	32 6.58	2.9343	0.0047	9 32 14.2[2]	15.795	0.270	95.9	287 371	9 491
584	9.1	32 13.92	2.9295	0.0046	9 51 39.7	15.789	0.270	96.4	291 385	10 518
585	9.2	33 20.60	2.9796	0.0058	6 24 23.1	15.729	0.277	93.5	92 209	6 511
586	8.9	2 33 24.47	+2.9559	+0.0052	−8 1 21.9	+15.725	−0.274	94.4	205 289	8 497
587	8.6	33 40.14	2.9566	0.0052	7 57 46.0	15.711	0.274	94.3	197 289	8 498
588	9.2	34 2.31	2.9436	0.0050	8 49 2.8	15.691	0.274	95.9	287 370	9 496
589[3]	*7.0	34 5.21	2.9354	0.0048	9 21 30.6	15.688	0.273	95.6	214 287* 385	9 497
590	8.9	34 15.86	2.9264	0.0045	9 57 41.3	15.679	0.273	95.6	204 338 362	10 521
591	9.0	2 34 25.03	+2.9454	+0.0050	−8 40 49.6	+15.670	−0.274	94.4	205 289	8 499
592	9.0	34 27.34	2.9317	0.0047	9 35 39.9	15.668	0.273	95.9	291 370	9 498
593	8.7	35 3.85	2.9357	0.0049	9 17 55.5	15.635	0.275	94.4	214 287	9 500
594	*9.3	35 7.99	2.9831	0.0060	6 6 32.9	15.631	0.279	92.5	5* 92	6 513
595	6.2	35 20.54	2.9267	0.0046	9 52 50.2	15.620	0.274	94.4	204 291	10 525
596	9.0	2 35 28.42	+2.9569	+0.0053	−7 51 40.9	+15.612	−0.277	94.3	197 289	8 504
597	8.7	36 8.19	2.9498	0.0052	8 18 18.8	15.576	0.278	94.9	205 338	8 506
598	9.1	37 13.94	2.9756	0.0058	6 32 20.5[4]	15.515	0.281	93.0	2 5 295	6 520
599	8.3	37 14.87	2.9415	0.0051	8 48 14.4	15.514	0.278	94.4	214 287	9 509
600	9.0	37 21.08	2.9595	0.0054	7 36 53.9	15.509	0.280	95.9	298 370	7 472

[1] Dpl. med.; Z. 295: 8ᵐ1 8ᵐ1 [2] 13″0 15″5 [3] Z. 287: Dpl. maj., Z. 385: Simplex, Z. 214: keine Bem. über Duplicität [4] 18″6(½) 21″3 20″6

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
601	9.0	2h 37m 40s.48	+2s.9553	+0s.0053	−7° 52′ 32″.7	+15″.491	−0″.280	95.9	289 371	8° 511
602[1]	8.5	37 54.82	2.9697	0.0057	6 54 49.6	15.477	0.282	94.3	197 294	7 473
603	7.5	38 9.90	2.9672	0.0057	7 4 1.6	15.463	0.282	94.3	197 294	7 474
604	9.1	38 24.34	2.9588	0.0055	7 37 1.5[2]	15.450	0.282	98.4	298 406	7 476
605	8.8	38 25.18	2.9422	0.0052	8 42 26.7	15.449	0.280	95.2	205 291 362	8 513
606	8.9	2 38 26.32	+2.9848	+0.0061	−5 53 20.5	+15.448	−0.284	96.4	295 385	6 523
607	8.6	38 55.75	2.9584	0.0055	7 37 18.0	15.421	0.283	96.3	294 370 371	7 479
608	6.6	39 0.37	2.9475	0.0053	8 20 6.2	15.416	0.282	94.4	214 289	8 515
609	*7.5	39 1.92	2.9763	0.0059	6 26 2.6	15.415	0.285	92.5	5* 92	6 524
610	8.3	39 2.86	2.9713	0.0058	6 46 11.2	15.414	0.284	96.3	295 370 371	6 525
611	8.7	2 39 6.60	+2.9280	+0.0049	−9 36 3.1	+15.411	−0.280	95.2	204 287 362	9 514
612	8.3	39 11.49	2.9701	0.0058	6 50 15.3	15.406	0.284	94.3	197 298	7 481
613	8.2	39 46.00	2.9456	0.0053	8 25 26.6	15.374	0.283	94.3	204 289	8 516
614	8.9	39 52.07	2.9451	0.0053	8 27 14.8	15.368	0.283	94.3	204 289	8 517
615	*9.1	40 17.01	2.9837	0.0061	5 54 17.0	15.345	0.286	93.4	2* 295	6 537
616	*9.0	2 40 22.34	+2.9799	+0.0060	−6 9 1.1	+15.340	−0.287	94.5	5* 362	6 538
617	8.9	40 25.91	2.9247	0.0048	9 45 13.5	15.336	0.281	95.9	287 371	9 523
618	8.9	40 34.18	2.9704	0.0058	6 46 5.4	15.329	0.286	95.9	298 370	6 539
619	9.0	41 6.49	2.9628	0.0056	7 14 31.7	15.298	0.286	94.3	197 294	7 486
620	8.0	41 37.36	2.9645	0.0057	7 7 18.4	15.269	0.287	94.3	197 294	7 489
621	8.3	2 41 37.55	+2.9440	+0.0053	−8 26 51.4	+15.269	−0.285	94.3	204 289	8 522
622	8.8	41 46.96	2.9599	0.0056	7 24 46.5	15.260	0.286	96.0	298 371	7 490
623	[8.0]	41 48.73	2.9777	0.0060	6 15 5.8	15.258	0.288	92.5	7 92	6 540
624	9.3	41 57.17	2.9765	0.0060	6 19 37.6	15.250	0.289	97.5	362 385	6 541
625	*8.1	42 15.13	2.9785	0.0060	6 11 16.8	15.233	0.289	93.5	7* 295	6 542
626	8.3	2 42 35.65	+2.9283	+0.0050	−9 24 49.4	+15.214	−0.284	94.4	214 287	9 529
627	*8.7	43 26.12	2.9707	0.0059	6 39 14.1	15.166	0.290	93.5	2* 295	6 548
628	8.3	43 30.22	2.9714	0.0059	6 36 16.6	15.162	0.290	95.9	295 370	6 549
629	8.0	43 31.18	2.9784	0.0061	6 9 18.5	15.161	0.291	95.9	298 370	6 550
630	9.0	43 52.51	2.9311	0.0051	9 10 34.5	15.141	0.287	94.3	204 287	9 531
631	9.2	2 44 4.96	+2.9478	+0.0055	−8 6 0.5	+15.129	−0.288	94.4	205 289	8 529
632	9.2	44 18.60	2.9558	0.0056	7 35 6.7	15.116	0.290	94.3	197 294	7 501
633	*9.1	44 22.21	2.9760	0.0060	6 16 54.6	15.112	0.292	93.5	5* 295	6 554
634	9.0	44 29.67	2.9560	0.0056	7 33 46.2	15.105	0.290	94.3	197 294	7 502
635	8.5	44 44.67	2.9184	0.0048	9 56 28.7	15.091	0.286	94.3	204 287	10 558
636	7.4	2 45 23.82	+2.9609	+0.0057	−7 13 11.9	+15.053	−0.292	94.3	197 289	7 505
637	*8.3	45 23.91	2.9615	0.0057	7 10 47.7	15.053	0.292	93.4	7* 289	7 506
638	9.3	46 2.67	2.9662	0.0059	6 51 20.7	15.015	0.293	96.0	294 371	7 508
639	9.1	46 18.93	2.9363	0.0053	8 44 29.6	15.000	0.290	93.6	98 204 205	8 534
640	9.2	46 20.53	2.9537	0.0056	7 38 37.8	14.998	0.292	94.3	197 298	7 509
641	*9.1	2 46 32.62	+2.9769	+0.0061	−6 9 9.1	+14.987	−0.295	93.5	2* 295	6 561
642	8.9	46 41.13	2.9630	0.0058	7 2 25.0	14.978	0.294	94.4	214 289	7 510
643	8.0	47 20.26	2.9366	0.0053	8 40 38.9	14.940	0.292	93.4	96 204	8 536
644	9.1	47 28.68	2.9251	0.0051	9 23 50.7	14.932	0.290	96.3	287 362 371	9 540
645	*8.9	47 34.36	2.9715	0.0061	6 27 56.4	14.927	0.296	93.5	5* 295	6 563
646	6.2	2 47 57.97	+2.9174	+0.0050	−9 51 9.2	+14.903	−0.290	94.4	214 293	10 569
647	*8.7	48 0.23	2.9784	0.0062	6 1 13.8	14.901	0.297	93.5	2* 298	6 566
648	8.3	48 14.17	2.9840	0.0063	5 39 29.8	14.888	0.298	94.9	92 295 370	5 536
649	8.6	48 23.43	2.9253	0.0052	9 20 27.3	14.879	0.292	95.9	287 371	9 543
650	7.6	48 33.83	2.9265	0.0052	9 15 24.8	14.869	0.292	94.4	214 287	9 544

[1] Z. 197: Dpl. ? med. [2] 2″.9 0″.1

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
651	7.4	$2^{h}\ 48^{m}\ 40^{s}.33$	$+2^{s}.9441$	$+0^{s}.0056$	−8° 9' 26".1	+14".862	−0".294	93.5	96 205	8° 543
652	9.0	48 42.37[1]	2.9206	0.0051	9 36 59.7	14.860	0.292	96.3	293 362 371	9 545
653	*9.2	49 22.12	2.9667	0.0060	6 42 55.8	14.821	0.298	93.5	2* 295	6 572
654	*7.5	49 40.08	2.9821	0.0063	5 44 14.2	14.803	0.300	93.0	5* 7* 298	5 541
655	9.2	49 53.97	2.9202	0.0051	9 35 42.3	14.790	0.294	96.3	287 362 373	9 549
656	8.5	2 50 13.66	+2.9392	+0.0055	−8 24 5.8	+14.770	−0.296	93.5	98 204	8 547
657	9.4	50 29.37	2.9578	0.0058	7 13 58.9	14.755	0.299	94.3	197 294	7 518
658	8.8	50 45.27	2.9609	0.0059	7 1 57.1	14.739	0.299	96.0	294 371	7 519
659	8.7	50 58.76	2.9152	0.0050	9 50 37.0	14.726	0.294	95.9	287 373	10 577
660	8.7	51 31.96	2.9438	0.0056	8 4 7.4	14.693	0.298	96.5	338 371	8 552
661	**3.0**	**2 51 32.46**	**+2.9238**	**+0.0052**	**−9 17 45.9**	**+14.692**	**−0.295**		**Fund. Cat.**	**9 553**
662	*8.8	51 39.36	2.9665	0.0060	6 39 23.7	14.686	0.301	93.5	7* 295	6 574
663	*8.5	51 42.82	2.9810	0.0063	5 45 19.7	14.682	0.302	93.5	5* 295	5 546
664	*9.4	51 43.94	2.9758	0.0062	6 4 24.0	14.681	0.302	93.5	2* 298	6 575
665	9.0	52 27.09	2.9650	0.0060	6 43 45.0	14.638	0.302	96.0	298 371	6 576
666	8.9	2 52 36.63	+2.9805	+0.0063	−5 45 36.1	+14.629	−0.303	96.0	295 373	5 551
667	8.6	53 33.82	2.9269	0.0054	9 1 33.2	14.571	0.299	94.3	204 287	9 558
668	9.5	53 56.05	2.9290	0.0054	8 52 38.9	14.549	0.300	96.0	293 373	9 560
669	9.1	54 17.53	2.9181	0.0052	9 31 19.1	14.528	0.299	94.3	204 287	9 564
670	*9.4	54 19.18	2.9654	0.0060	6 38 35.9	14.526	0.305	93.0	2* 5* 295	6 579
671	9.4	2 54 34.27	+2.9160	+0.0052	−9 38 3.2	+14.511	−0.299	97.0	338 385	9 565
672	9.0	54 35.59	2.9592	0.0059	7 0 45.6	14.509	0.304	94.3	197 294	7 532
673	9.3	54 39.21	2.9262	0.0054	9 1 11.9	14.506	0.301	96.0	293 371	9 566
674	*7.5	54 41.09	2.9499	0.0057	7 34 39.4	14.504	0.303	92.6	7* 98	7 533
675	8.7	54 45.74	2.9130	0.0052	9 48 56.4	14.499	0.299	95.5	214 362	9 568
676	9.1	2 55 11.03	+2.9757	+0.0063	−5 59 21.6	+14.474	−0.307	96.0	298 373	6 583
677	8.9	55 14.63	2.9677	0.0062	6 28 34.0	14.470	0.306	97.0	362 373	6 584
678	9.2	55 16.78	2.9158	0.0052	9 37 15.4	14.468	0.300	97.0	338 385	9 571
679	8.9	55 23.01	2.9188	0.0053	9 26 6.6	14.462	0.301	94.4	214 287	9 572
680	8.7	55 30.13	2.9337	0.0055	8 31 52.3	14.454	0.302	93.5	96 205	8 559
681	8.8	2 55 42.22	+2.9592	+0.0060	−6 58 41.3	+14.442	−0.305	94.3	197 294	7 534
682	6.7	56 14.98	2.9411	0.0057	8 3 24.1	14.409	0.304	93.4	96 204	8 562
683	9.4	56 20.14	2.9436	0.0057	7 54 25.3	14.404	0.304	95.1	98 371	8 563
684	9.1	56 27.43	2.9286	0.0055	8 48 13.6	14.396	0.303	94.9	205 338	8 564
685	*6.3	57 12.37	2.9600	0.0060	6 53 5.8	14.351	0.307	93.5	7* 294	7 537
686	*8.8	2 57 20.37	+2.9712	+0.0062	−6 12 5.0	+14.343	−0.310	93.0	2* 5* 295	6 588
687	9.4	57 39.81	2.9513	0.0059	7 23 52.2	14.323	0.307	95.6	197 298 385	7 540
688	6.4	57 47.72	2.9398	0.0057	8 4 42.9	14.315	0.306	93.4	96 204	8 568
689	8.7	58 15.40	2.9338	0.0056	8 25 29.4	14.286	0.306	93.5	98 211	8 570
690	8.9	58 32.17	2.9486	0.0058	7 31 44.7	14.269	0.308	94.3	197 294	7 542
691	*8.0	2 58 38.91	+2.9731	+0.0063	−6 3 1.0	+14.262	−0.311	93.0	5* 7* 295	6 594
692	*8.8	58 51.37	2.9724	0.0063	6 5 25.7	14.249	0.312	93.5	2* 295	6 595
693	9.1	59 12.99	2.9201	0.0054	9 12 17.1	14.227	0.306	95.9	287 371	9 582
694	8.4	59 20.32	2.9259	0.0055	8 51 21.3	14.220	0.307	94.4	214 287	9 583
695	6.2	59 21.71	2.9403	0.0057	7 59 31.2	14.218	0.308	93.5	98 204	8 572
696	9.0	2 59 27.55	+2.9528	+0.0059	−7 15 6.8	+14.212	−0.310	94.3	197 294	7 543
697	9.1	59 51.64	2.9662	0.0062	6 26 11.1	14.188	0.312	95.0	91 368	6 597
698	9.0	3 0 5.59	2.9253	0.0055	8 51 25.7	14.173	0.307	94.4	214 287	9 584
699	7.2	0 17.72	2.9284	0.0056	8 39 50.7	14.161	0.308	95.1	98 371	8 577
700	9.1	0 21.33	2.9606	0.0061	6 45 20.1	14.157	0.311	95.9	295 364	6 602

[1] $42^{s}.38$ $42^{s}.46$ $42^{s}.26$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
701	8.8	3h 0m 23s.35	+2s.9171	+0s.0054	−9° 20′ 0″.9	+14″.155	−0″.307	94.4	204 293	9° 585
702	*8.8	0 38.94	2.9747	0.0063	5 54 7.5	14.139	0.314	94.6	7* 295 364	6 603
703	8.2	1 31.94	2.9246	0.0055	8 50 44.9	14.084	0.309	94.4	214 287	9 591
704	8.3	1 35.80	2.9223	0.0055	8 58 28.2	14.080	0.309	95.9	287 369	9 592
705	[5.3]	1 36.64	2.9647	0.0062	6 28 29.9	14.079	0.314	92.5	2 91	6 606
706	8.2	3 1 43.27	+2.9553	+0.0060	−7 1 49.1	+14.072	−0.313	94.3	197 294	7 546
707	*8.6	2 3.90	2.9619	0.0061	6 37 45.5	14.051	0.314	94.6	5* 295 362	6 607
708	8.9	2 5.89	2.9449	0.0058	7 37 57.0	14.049	0.313	94.3	197 294	7 547
709	7.7	2 21.33	2.9763	0.0064	5 46 12.9	14.032	0.316	96.9	362 364	5 581
710	9.5	2 42.59	2.9366	0.0057	8 6 2.2[1]	14.010	0.312	97.3	338 366 402	8 586
711	8.2	3 2 51.59	+2.9697	+0.0063	−6 9 3.7	+14.001	−0.316	95.9	295 364	6 610
712	9.0	2 55.86	2.9154	0.0054	9 19 51.3	13.996	0.310	95.3	204 287 373	9 596
713	*8.9	3 0.98	2.9699	0.0063	6 7 53.4	13.991	0.317	92.5	5* 91	6 611
714	8.3	3 36.68	2.9047	0.0052	9 55 42.4	13.954	0.310	95.9	204 293 402	10 620
715	9.0	4 0.18	2.9233	0.0055	8 49 56.9	13.929	0.312	94.4	214 287	9 599
716	*8.5	3 4 17.93	+2.9732	+0.0063	−5 54 0.5	+13.911	−0.318	93.5	2* 295	6 614
717	8.6	4 51.04	2.9032	0.0052	9 57 26.6	13.876	0.312	94.4	204 293	10 626
718	9.3	4 54.66	2.9765	0.0064	5 41 26.4	13.872	0.319	96.9	359 364	5 587
719	9.1	4 58.20	2.9340	0.0057	8 10 42.4	13.868	0.315	94.3	98 211 338	8 593
720	9.2	5 3.01	2.9447	0.0059	7 33 1.4	13.863	0.316	95.9	294 368	7 554
721	*8.2	3 5 4.68	+2.9757	+0.0065	−5 44 9.8	+13.861	−0.320	93.5	5* 295	5 589
722	8.7	5 5.83	2.9657	0.0063	6 19 14.2	13.860	0.318	94.9	91 367	6 616
723	9.3	5 11.79	2.9765	0.0065	5 41 13.6	13.854	0.320	96.9	359 367	5 590
724	9.3	5 12.01	2.9771	0.0065	5 39 4.6	13.854	0.320	99.5	364 411	5 591
725	*8.8	5 18.35	2.9635	0.0063	6 26 34.8	13.847	0.318	92.5	2* 91	6 617
726	9.0	3 5 28.31	+2.9107	+0.0054	−9 30 21.8	+13.836	−0.313	96.3	287 369 373	9 603
727	[7.8]	5 40.45	2.9748	0.0065	5 46 25.0	13.824	0.320	94.5	5 362	5 592
728	9.1	5 43.17	2.9462	0.0060	7 26 30.7	13.821	0.317	94.3	197 298	7 556
729	8.2	5 47.08	2.9554	0.0061	6 54 19.8	13.817	0.318	94.4	214 294	7 557
730	8.7	5 51.57	2.9546	0.0061	6 57 14.8	13.812	0.318	94.4	214 294	7 558
731	9.0	3 6 22.97	+2.9145	+0.0055	−9 15 1.8	+13.779	−0.315	94.3	204 287	9 606
732	*8.6	6 39.97	2.9690	0.0064	6 5 16.4	13.761	0.321	95.9	295* 364	6 621
733	9.3	6 50.56	2.9414	0.0059	7 41 5.6	13.749	0.318	96.4	197 402	7 560
734	8.6	7 1.60	2.9501	0.0060	7 10 34.1	13.738	0.319	95.9	294 368	7 561
735	9.5	7 5.31	2.9689	0.0064	6 5 2.1	13.734	0.322	96.0	295 371	6 622
736	9.2	3 7 10.25	+2.9551	+0.0061	−6 52 56.0	+13.728	−0.320	95.9	298 368	7 562
737	8.9	7 34.59	2.9282	0.0057	8 25 23.1	13.703	0.317	95.0	98 366	8 599
738	8.6	7 40.04	2.9351	0.0058	8 1 30.3	13.697	0.318	93.5	98 211	8 600
739	8.9	7 42.93	2.9166	0.0056	9 4 52.3	13.694	0.316	94.3	204 287	9 611
740	9.1	7 44.19	2.9485	0.0060	7 14 48.5	13.692	0.320	94.3	197 294	7 563
741	*9.4	3 8 23.66	+2.9680	+0.0064	−6 6 20.2	+13.650	−0.323	93.5	5* 295	6 625
742	8.9	8 36.42	2.9576	0.0062	6 42 13.4	13.637	0.322	98.0	364 402	6 627
743	8.1	8 58.92	2.9516	0.0061	7 2 3.9	13.613	0.322	95.9	298 368	7 569
744	9.1	9 7.62	2.9129	0.0055	9 14 37.1	13.603	0.317	94.3	204 287	9 617
745	8.4	9 7.89	2.9181	0.0056	8 56 42.4	13.603	0.318	94.4	214 293	9 618
746	8.6	3 9 32.04	+2.9423	+0.0059	−7 33 2.7	+13.577	−0.321	94.3	197 294	7 571
747	7.9	9 46.24	2.9505	0.0061	7 4 28.9	13.562	0.323	95.9	298 368	7 574
748	8.8	9 56.52	2.9253	0.0057	8 30 21.5	13.551	0.320	96.4	338 366	8 608
749	9.1	9 58.77	2.9449	0.0060	7 23 33.1	13.548	0.322	95.9	294 368	7 575
750	9.1	10 6.21	2.9145	0.0056	9 7 3.2	13.540	0.319	95.9	293 369	9 619

[1] 3″.8 0″.9 2″.0

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
751	8.7	3^h 10^m $8^s.51$	+2.ˢ9718	+0.ˢ0064	−5°50′ 29.″6	+13.″538	−0.″325	95.9	295 367	6° 630
752	*8.7	10 29.62	2.9584	0.0062	6 36 16.0	13.515	0.325	95.5	5* 402	6 631
753	7.0	10 40.05	2.9137	0.0056	9 8 26.4	13.504	0.320	95.4	214 359	9 622
754	4.3	10 58.49	2.9126	0.0055	9 11 28.0	13.484	0.317		Fund. Cat.	9 624
755[1]	6.2	11 4.20	2.9637	0.0063	6 17 18.2	13.478	0.325	95.9	295 367	6 636
756	7.7	3 11 13.51	+2.9284	+0.0057	−8 17 42.6	+13.468	−0.321	96.4	338 366	8 614
757	6.5	11 24.60	2.9668	0.0064	6 5 56.5	13.456	0.326	98.0	367 402	6 638
758	9.3	11 42.25	2.9386	0.0059	7 41 47.0	13.437	0.324	95.9	294 368	7 577
759	6.7	11 44.85	2.9062	0.0054	9 31 28.8	13.434	0.320	95.9	293 369	9 627
760	9.2	11 46.84	2.9081	0.0055	9 24 43.0	13.432	0.321	99.5	369 411	9 628
761	9.3	3 11 52.33	+2.9100	+0.0055	−9 18 14.9	+13.426	−0.321	96.2	287 359 371	9 629
762	9.3	12 36.12	2.9326	0.0058	8 0 15.7	13.378	0.324	93.5	98 212	8 619
763	9.0	12 51.62	2.9069	0.0055	9 26 50.1	13.361	0.322	95.9	293 369	9 631
764	*8.8	12 55.24	2.9629	0.0063	6 16 58.7	13.357	0.328	93.5	5* 295	6 643
765	8.9	13 15.73	2.8998	0.0054	9 49 23.2	13.335	0.322	95.4	214 359	9 633
766	8.9	3 13 17.02	+2.9540	+0.0062	−6 46 44.0	+13.334	−0.327	94.9	91 364	6 644
767	8.4	13 58.03	2.9148	0.0056	8 57 41.0	13.289	0.324	95.9	287 372	9 635
768	9.1	14 14.70	2.8988	0.0053	9 50 39.1	13.271	0.323	95.9	293 369	10 653
769	*9.2	14 23.09	2.9561	0.0062	6 37 55.3[2]	13.262	0.329	92.5 95.7	5* 91 408δ	6 648
770	*9.2	14 37.23	2.9561	0.0062	6 37 43.8	13.246	0.330	92.5	5* 91	6 651
771	*9.5	3 14 38.60	+2.9613	+0.0063	−6 20 6.1	+13.245	−0.330	93.5	2* 295	6 652
772	9.3	14 41.00	2.9274	0.0058	8 14 25.5	13.242	0.327	95.0	98 366	8 626
773	9.1	15 23.26	2.9350	0.0060	7 47 20.4	13.196	0.327	96.9	359 367	7 583
774	9.2	15 58.78[3]	2.9337	0.0059	7 50 34.4	13.157	0.328	95.0 97.3	98 366 409δ	8 632
775	9.3	16 5.61	2.9070	0.0055	9 19 27.6	13.149	0.326	96.4	287 361 369 373	9 643
776	8.9	3 16 46.55	+2.9331	+0.0059	−7 51 28.3	+13.104	−0.329	93.5	98 211	8 637
777	*9.3	16 50.22	2.9698	0.0066	5 48 30.0	13.100	0.333	93.5	5* 295	5 626
778	9.1	17 11.20	2.9160	0.0057	8 47 21.3[4]	13.077	0.328	96.9 98.6	359 366 409δ	8 639
779	*8.3	17 18.30	2.9643	0.0065	6 6 14.6	13.069	0.334	92.4	2* 7* 91	6 663
780	8.8	17 31.62	2.9022	0.0055	9 32 13.6	13.054	0.327	94.4	214 287	9 649
781	8.8	3 17 35.26	+2.8996	+0.0055	−9 40 38.9	+13.050	−0.327	94.4	214 293	9 650
782	9.1	18 0.91	2.9402	0.0061	7 25 43.6	13.022	0.332	95.9	294 368	7 589
783	9.0	18 12.43	2.8945	0.0054	9 56 24.0	13.009	0.327	95.9	293 369	10 663
784	9.1	18 13.25	2.9033	0.0055	9 27 26.3	13.008	0.328	95.9	287 371	9 653
785	6.7	18 24.74	2.9270	0.0059	8 8 38.8[5]	12.995	0.331	94.7	98 212 361	8 643
786	8.2	3 18 52.22	+2.9367	+0.0060	−7 35 53.3	+12.965	−0.333	95.9	294 367	7 590
787	8.9	18 52.90	2.9374	0.0060	7 33 36.4	12.964	0.333	95.9	294 367	7 591
788	*9.1	18 55.36	2.9666	0.0065	5 56 25.7	12.961	0.336	93.5	5* 295	6 670
789	9.3	18 57.40	2.9597	0.0064	6 19 13.6	12.959	0.335	95.9	295 364	6 671
790	*8.8	19 14.04	2.9463	0.0062	7 3 20.6	12.940	0.334	95.2	7* 298 361 373	7 593
791	8.9	3 19 16.26	+2.9710	+0.0066	−5 41 25.5	+12.938	−0.337	92.5	2 91	5 636
792	9.0	19 29.32	2.9343	0.0060	7 42 51.0	12.923	0.333	96.9	359 367	7 594
793	9.0	19 30.39	2.9060	0.0055	9 15 41.9	12.922	0.329	95.9	287 369	9 654
794	*7.8	20 4.01	2.9706	0.0066	5 41 40.3	12.885	0.338	95.0	2* 295 390	5 642
795	9.1	20 14.99	2.9047	0.0055	9 18 21.7[6]	12.872	0.330	94.4 98.2	214 287 408δ 410δ	9 655
796	8.6	3 20 15.85	+2.9453	+0.0062	−7 5 18.5	+12.872	−0.335	95.9	298 368	7 596
797	8.5	20 52.45	2.9181	0.0057	8 33 48.7	12.831	0.333	95.4	98 211 402	8 648
798	9.0	21 2.82	2.9379	0.0061	7 28 22.4	12.819	0.335	95.9	294 367	7 598
799	9.1	21 10.10	2.8952	0.0054	9 47 35.6	12.811	0.330	95.9	293 369	9 659
800	8.9	21 20.86	2.9037	0.0055	9 19 49.4	12.799	0.331	94.4	214 287	9 661

[1] Z. 295: Dpl.? maj. [2] 54.″1 57.″0 54.″9 [3] 58.ˢ88 58.ˢ67 [4] 21.″9 19.″5 22.″4 [5] 37.″3 38.″3 40.″9; E. B. —0.″23
[6] 21.″7 24.″4 20.″8 19.″8

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
801	*8.9	$3^h\ 21^m\ 38^s.60$	$+2^s.9677$	$+0^s.0066$	$-5°\ 49'\ 2''.1$	$+12''.779$	$-0''.339$	92.4	5* 7* 91	5° 656
802	9.3	21 42.21	2.9023	0.0055	9 23 23.6	12.775	0.332	96.3	293 371 373	9 662
803	9.2	21 48.93	2.8962	0.0055	9 42 57.8	12.767	0.332	97.0	359 372	9 663
804	8.8	21 54.88	2.8933	0.0054	9 52 7.1	12.760	0.331	96.9	359 369	10 679
805	8.1	22 2.84	2.9216	0.0058	8 19 53.1	12.752	0.334	93.5	98 212	8 653
806	8.9	3 22 7.83	+2.9689	+0.0066	−5 44 37.2	+12.746	−0.340	94.9	91 364	5 662
807	8.8	22 33.71	2.9401	0.0061	7 18 47.9	12.717	0.337	95.9	294 368	7 601
808	8.9	22 48.90	2.9378	0.0061	7 25 46.6	12.700	0.337	95.9	294 367	7 602
809	9.0	23 6.73	2.9108	0.0056	8 53 8.5	12.679	0.334	95.9	287 369	9 670
810	8.7	23 23.54	2.9478	0.0062	6 52 19.9	12.660	0.339	95.9	298 368	7 603
811	*9.2	3 24 8.14	+2.9632	+0.0065	−6 0 38.1	+12.610	−0.342	93.5	2* 295	6 681
812	9.1	24 18.44	2.8955	0.0055	9 40 26.4	12.598	0.334	95.9	293 369	9 677
813	8.8	24 22.29	2.9552	0.0064	6 26 44.9	12.594	0.341	94.9	91 364	6 682
814	9.2	24 28.06	2.9652	0.0065	5 53 57.3	12.587	0.342	95.9	295 367	6 683
815	6.3	24 45.29	2.9421	0.0062	7 8 47.3	12.568	0.340	94.4	214 294	7 606
816	9.0	3 25 3.28	+2.9386	+0.0061	−7 19 50.4	+12.547	−0.340	95.9	294 368	7 607
817	9.1	25 4.72	2.9516	0.0063	6 37 39.2	12.546	0.342	96.9	359 364	6 685
818	9.0	25 13.99	2.9436	0.0062	7 3 17.7	12.535	0.341	96.9	361 368	7 610
819	9.1	25 37.61	2.9492	0.0063	6 44 39.5	12.508	0.342	96.9	359 364	6 686
820	9.0	25 49.58	2.9431	0.0062	7 4 8.2	12.495	0.341	96.9	361 368	7 614
821	8.8	3 25 52.70	+2.9523	+0.0063	−6 33 57.3	+12.491	−0.342	93.5	2 295	6 689
822	9.2	26 2.60	2.9040	0.0057	9 9 45.5	12.480	0.337	95.9	293 369	9 686
823	8.3	26 4.51	2.9633	0.0065	5 58 18.4	12.478	0.344	99.5	367 410	6 690
824	9.2	26 11.35	2.9172	0.0058	8 27 2.8	12.470	0.339	93.5	98 212	8 664
825	*8.7	26 48.24	2.9549	0.0064	6 24 22.1	12.428	0.343	92.5	5* 95	6 694
826	8.9	3 27 7.17	+2.9408	+0.0062	−7 9 44.6	+12.406	−0.343	94.4	210 294	7 617
827	7.8	27 10.25	2.9218	0.0059	8 10 46.1	12.402	0.340	95.0	98. 366	8 666
828	9.2	27 10.74	2.8927	0.0055	9 43 29.7	12.402	0.337	97.6	359 369 402	9 690
829	8.9	27 11.86	2.9035	0.0057	9 9 3.5	12.401	0.338	94.4	214 293	9 691
830	*8.8	27 21.06	2.9561	0.0064	6 20 3.7	12.390	0.344	94.5	2* 361	6 695
831	*7.5	3 27 21.77	+2.9357	+0.0061	−7 25 41.8	+12.389	−0.342	94.4	210* 294	7 618
832	9.2	27 23.05	2.9356	0.0061	7 25 40.6	12.388	0.342	94.4	210 294	7 619
833	8.9	27 32.54	2.9098	0.0057	8 48 16.8	12.377	0.339	98.0	366 402	8 668
834	8.2	27 33.12	2.9073	0.0057	8 56 9.0	12.376	0.338	95.9	293 366	9 693
835	8.7	27 59.39	2.9306	0.0060	7 41 1.6	12.346	0.343	96.9	361 368	7 622
836	3.0	3 28 13.08	+2.8907	+0.0055	−9 47 48.0	+12.330	−0.336		**Fund. Cat.**	9 697
837	7.8	28 44.74	2.9289	0.0060	7 45 7.4	12.294	0.343	98.0	368 402	7 624
838	9.0	28 46.89	2.8924	0.0055	9 41 11.5	12.291	0.339	96.9	359 369	9 698
839	7.9	28 47.74	2.9287	0.0060	7 45 58.1	12.290	0.343	95.9	294 368	7 625
840	9.2	29 15.06	2.8967	0.0056	9 26 31.2	12.259	0.339	96.3	293 372 373	9 701
841	8.1	3 29 21.08	+2.9455	+0.0062	−6 51 23.4	+12.252	−0.345	97.0	361 371	7 627
842	9.1	29 29.42	2.8950	0.0055	9 31 39.8	12.242	0.339	96.0	293 372	9 702
843	8.3	29 45.94	2.9293	0.0060	7 42 38.4	12.223	0.345	94.4	210 294	7 629
844	*9.1	29 48.30	2.9476	0.0063	6 44 1.0	12.220	0.347	92.5	2* 5* 91 95	6 702
845	9.0	30 17.32	2.9197	0.0059	8 12 10.5	12.187	0.343	93.5	98 212	8 675
846	9.5	3 30 24 99	+2.9070	+0.0057	−8 52 19.3	+12.178	−0.341	97.1	373	9 706
847	8.9	30 26.53	2.9025	0.0057	9 6 7.2	12.176	0.341	95.4	207 359	9 707
848	8.9	30 45.39	2.9424	0.0062	6 59 28.7	12.154	0.347	95.4	210 361	7 631
849	9.4	30 53.81	2.9210	0.0059	8 7 17.6	12.145	0.345	95.0	98 366	8 676
850	9.0	30 54.56	2.8980	0.0056	9 19 40.7	12.144	0.341	94.4	207 293	9 708

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
851	8.4	$3^h\ 30^m\ 59^s.56$	$+2^s.8968$	$+0^s.0056$	$-9°23'\ 13''.1$	$+12''.138$	$-0''.341$	94.4	207 293	9° 709
852	9.3	31 6.76	2.9041	0.0057	9 0 4.3	12.130	0.342	97.5	359 390	9 710
853	*9.0	31 19.01	2.9623	0.0065	5 55 8.2	12.115	0.349	92.5	2* 5* 91 95	6 704
854	9.3	31 50.52	2.9068	0.0057	8 50 10.9	12.079	0.343	97.5	366 392	8 680
855	8.8	32 39.68	2.8841	0.0054	9 59 33.0	12.021	0.342	94.4	207 293	10 713
856	8.9	3 32 50.19	+2.9110	+0.0058	−8 35 18.2	+12.009	−0.345	96.9	361 368	8 683
857	8.8	32 58.21	2.9224	0.0059	7 59 29.1	12.000	0.347	95.0	98 366	8 685
858	8.8	33 1.33	2.9355	0.0061	7 18 4.3	11.996	0.348	95.9	294 367	7 642
859	8.6	33 2.38	2.9226	0.0059	7 58 40.0	11.995	0.347	96.3	98 366 402	8 688
860	9.2	33 7.18	2.9064	0.0057	8 49 17.0	11.989	0.345	96.9	359 368	8 689
861	8.0	3 33 10.08	+2.9181	+0.0059	−8 12 23.0	+11.986	−0.346	96.0	211 392	8 690
862	8.1	33 17.55	2.9257	0.0060	7 48 42.5	11.977	0.347	94.4	210 294	7 644
863	*9.1	33 31.68	2.9532	0.0064	6 21 14.2	11.961	0.351	92.5	5* 91	6 711
864	*8.3	33 33.02	2.9552	0.0064	6 14 52.2	11.959	0.352	93.3	2* 91 295	6 712
865	*6.0	33 36.20	2.9273	0.0060	7 43 2.3	11.955	0.349	94.4	210 294*	7 647
866	7.4	3 33 59.35	+2.9057	+0.0057	−8 49 58.9	+11.928	−0.346	96.9	361 368	8 692
867	6.5	34 4.88	2.9608	0.0065	5 56 46.4	11.922	0.352	95.0	95 364	6 713
868	9.2	34 12.01	2.9440	0.0063	6 49 33.2	11.913	0.350	95.9	295 364	6 714
869	9.0	34 28.21	2.8962	0.0056	9 19 9.7	11.894	0.344	94.4	207 293	9 717
870	8.3	34 36.18	2.9149	0.0058	8 20 10.8	11.885	0.348	95.7	98 366 372	8 694
871	8.2	3 34 46.80	+2.9182	+0.0059	−8 9 50.2	+11.873	−0.349	96.0	212 392	8 696
872	7.3	34 52.73	2.9384	0.0062	7 6 10.1	11.866	0.351	94.4	210 294	7 654
873	*9.5	34 58.05	2.9594	0.0065	6 0 5.1	11.859	0.353	93.5 96.3	5* 295 409δ	6 716
874	7.5	35 20.70	2.8948	0.0056	9 21 46.4	11.833	0.345	94.4	207 293	9 719
875	8.1	35 25.74	2.9131	0.0058	8 24 37.4	11.827	0.348	96.9	359 366	8 699
876	9.2	3 35 35.54	+2.9122	+0.0058	−8 27 5.0	+11.815	−0.349	96.9	359 368	8 700
877	*8.6	35 56.08	2.9489	0.0062	6 31 51.0	11.791	0.353	94.5	2* 361	6 722
878	9.0	36 0.00	2.8978	0.0056	9 11 6.0	11.786	0.347	95.6	207 293 390	9 722
879	9.0	36 5.93	2.9394	0.0061	7 1 30.2	11.779	0.352	94.4	210 294	7 655
880	9.1	36 7.04	2.9650	0.0065	5 41 19.8	11.778	0.355	97.5	364 392	5 717
881	9.2	3 36 18.59	+2.9560	+0.0064	−6 9 11.8	+11.764	−0.354	94.9	91 367	6 724
882	*8.7	36 20.34	2.9589	0.0064	6 0 8.2	11.762	0.354	92.7	5* 91 95	6 725
883	8.6	36 32.69	2.8911	0.0055	9 30 53.2	11.748	0.347	96.9	359 369	9 724
884	8.7	36 35.15	2.9513	0.0063	6 23 39.3	11.745	0.354	95.9	295 367	6 726
885	8.7	37 2.96	2.9445	0.0062	6 44 18.6	11.712	0.354	96.2	295 361 364	6 728
886	8.3	3 37 14.32	+2.9286	+0.0060	−7 33 47.2	+11.698	−0.352	95.9	294 368	7 658
887	9.1	37 27.98	2.9202	0.0059	7 59 21.8[1]	11.682	0.351	95.7	98 371 372	8 706
888	9.0	38 6.87	2.9116	0.0058	8 24 50.9[2]	11.636	0.351	96.9 99.5	359 366 408δ 411δ	8 708
889	8.8	38 7.01	2.8969	0.0056	9 10 26.2	11.636	0.349	95.9	293 369	9 733
890	9.2	38 15.65	2.9233	0.0059	7 48 44.0	11.626	0.352	99.5	367 410	7 663
891	8.8	3 38 40.79	+2.9121	+0.0058	−8 22 50.3	+11.596	−0.352	95.0	98 366	8 709
892	8.9	38 45.48	2.9550	0.0064	6 9 38.9	11.590	0.357	94.9	91 364	6 734
893	7.7	38 56.76	2.8818	0.0054	9 55 10.3	11.577	0.348	95.9	293 369	10 730
894	7.8	39 3.09	2.9155	0.0059	8 11 55.0	11.569	0.352	97.0	361 371 372	8 710
895	9.1	39 6.14	2.8871	0.0055	9 38 48.4	11.566	0.349	97.7	369 390 392	9 736
896	8.6	3 39 7.41	+2.9508	+0.0063	−6 22 25.3	+11.564	−0.356	97.5	367 392	6 736
897	8.7	39 16.05	2.9536	0.0063	6 13 22.9	11.554	0.357	94.9	91 364	6 738
898	8.6	39 42.27	2.9014	0.0057	8 54 7.9	11.523	0.351	94.4	207 293	9 738
899	9.1	39 51.56	2.9120	0.0058	8 21 6.2	11.511	0.353	95.0	98 366	8 716
900	9.1	40 26.39	2.8923	0.0056	9 20 43.3[3]	11.470	0.350	96.5 98.3	207 402 409δ	9 740

[1] 20''.5 21''.8 23''.1 [2] 52''.1 49''.2 50''.6 51''.9 [3] 45''.1 42''.3 42''.5

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
901	8.3	3h 40m 33s.69	+2s.9136	+0s.0058	−8° 15′ 2″.7	+11″.461	−0″.354	96.9 98.6	361 368 411δ	8° 718
902	9.0	40 43.86	2.9450	0.0062	6 38 8.7	11.449	0.358	95.0	95 364	6 743
903	8.8	40 59.97	2.9419	0.0062	6 47 30.5	11.430	0.357	95.9	295 364	6 745
904	8.8	41 2.41	2.9519	0.0063	6 16 37.4	11.427	0.358	94.9	91 367	6 746
905[1]	8.0	41 7.75	2.8923	0.0056	9 19 14.7	11.420	0.351	97.3	359 369 390	9 741
906	8.7	3 41 31.90	+2.9087	+0.0058	−8 28 46.8	+11.391	−0.354	95.0	98 366	8 723
907	8.1	41 47.98	2.8835	0.0055	9 45 11.2	11.372	0.351	96.3	293 371 372	9 743
908	8.9	42 2.29	2.8845	0.0055	9 41 49.3	11.355	0.352	96.3	293 369 372	9 745
909	8.8	42 9.76	2.9046	0.0058	8 40 26.7	11.346	0.354	96.9	361 366	8 725
910	9.1	42 46.64	2.8960	0.0057	9 5 28.4	11.302	0.353	96.3	207 359 390	9 748
911	9.4	3 42 54.83	+2.9613	+0.0064	−5 45 33.1	+11.292	−0.361	97.3 95.0	95 364 410a	5 750
912	9.1	42 55.83	2.8993	0.0057	8 55 12.5	11.290	0.354	96.0	293 371	9 749
913	8.5	42 56.15	2.9305	0.0060	7 20 5.0	11.290	0.358	94.4	210 294	7 681
914	8.4	43 14.40	2.9104	0.0058	8 21 5.7	11.268	0.356	93.5	98 211	8 728
915	8.7	43 20.57	2.9388	0.0061	6 54 25.9	11.261	0.359	94.4	210 294	7 682
916	9.1	3 43 24.67	+2.8901	+0.0056	−9 22 30.2	+11.256	−0.353	96.9	359 369	9 751
917	8.4	43 38.75	2.9438	0.0062	6 38 25.6	11.239	0.360	94.9	91 367	6 754
918	8.1	43 45.61	2.9344	0.0061	7 7 24.4	11.230	0.359	96.9	361 368	7 684
919	7.3	43 54.31	2.9303	0.0060	7 19 15.9	11.220	0.359	95.9	294 367	7 685
920	9.0	44 20.53	2.9449	0.0062	6 34 14.7	11.188	0.361	94.9	91 364	6 756
921	8.7	3 44 39.20	+2.9061	+0.0058	−8 32 8.4[2]	+11.166	−0.356	95.4 97.6	212 359 411δ	8 730
922	9.6	44 47.82	2.8815	0.0055	9 46 8.0	11.155	0.353	96.0	293 371	9 754
923	9.1	44 56.23	2.9079	0.0058	8 26 11.8	11.145	0.357	95.0	98 366	8 732
924	8.8	44 58.57	2.9199	0.0059	7 49 41.0	11.142	0.358	94.4	210 294	7 687
925	8.3	45 1.65	2.9091	0.0057	8 22 23.1	11.138	0.358	95.0	98 366	8 733
926	9.3	3 45 8.87	+2.9607	+0.0063	−5 45 13.9	+11.130	−0.363	95.0	95 364	5 757
927	9.8	45 29.06	2.8773	0.0054	9 57 35.8	11.105	0.354	97.5 99.4	359 390a 408δ	10 756
928	9.1	46 6.69	2.9484	0.0062	6 21 49.4	11.059	0.363	95.0	95 364	6 759
929	9.1	46 10.63	2.8981	0.0056	8 53 50.8	11.055	0.357	94.4	207 293	9 760
930	8.9	46 40.28	2.9170	0.0058	7 56 17.5	11.018	0.360	95.0	98 368	8 737
931	9.1	3 46 56.02	+2.9360	+0.0061	−6 58 27.1[3]	+10.999	−0.362	95.4 97.6	210 361 409δ	7 693
932	9.1	47 13.27	2.9444	0.0061	6 32 38.0	10.978	0.363	94.9	91 364	6 764
933	8.1	47 46.87	2.8995	0.0056	8 47 21.4	10.937	0.359	95.4	211 359	8 740
934	9.0	47 54.46	2.9501	0.0062	6 14 36.5	10.928	0.365	95.0	95 367	6 766
935	6.3	48 14.45	2.9364	0.0060	6 55 53.0	10.904	0.363	95.4	210 361	7 695
936	8.2	3 48 35.26	+2.9086	+0.0057	−8 18 44.4	+10.878	−0.361	93.5	98 212	8 744
937	9.1	48 53.08	2.8876	0.0055	9 21 8.3	10.856	0.358	95.4	207 359	9 768
938	9.1	49 5.40	2.8835	0.0055	9 33 8.7	10.841	0.358	96.0	207 392	9 770
939	8.5	49 13.37	2.9381	0.0061	6 49 19.1	10.831	0.365	96.9	361 364	6 778
940	9.2	49 30.31	2.9323	0.0060	7 6 39.6	10.810	0.365	94.4	210 294	7 698
941	9.1	3 49 32.68	+2.9162	+0.0058	−7 54 42.4	+10.808	−0.363	96.9	359 366	8 748
942	8.2	49 33.49	2.9514	0.0063	6 8 46.3	10.807	0.368	95.0	95 367	6 779
943	8.3	49 42.09	2.9317	0.0060	7 8 9.7	10.796	0.365	97.0	368 377	7 699
944	7.7	49 47.00	2.8778	0.0054	9 48 53.9	10.790	0.358	95.9	293 369	9 773
945	8.4	49 50.88	2.9103	0.0058	8 12 8.2	10.785	0.362	95.0	98 366	8 751
946	9.1	3 50 0.38	+2.9511	+0.0063	−6 9 23.0	+10.773	−0.368	94.3	95 100 364	6 782
947	9.0	50 20.45	2.8895	0.0055	9 13 21.9	10.749	0.360	95.9	293 369	9 775
948	9.1	50 48.68	2.9399	0.0061	6 42 27.4	10.714	0.367	95.7	91 371 372	6 784
949	9.1	50 49.29	2.8937	0.0056	8 59 55.9	10.713	0.361	95.4	207 361	9 779
950	8.8	51 1.62	2.9223	0.0059	7 34 45.0	10.698	0.365	93.5	102 210	7 706

[1] Z. 390: Dpl. ? med. [2] 6″.9 8″.5 9″.7 [3] 28″.3 25″.8 27″.3

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
951	7.5	3h 51m 14s.06	+2s.9151	+0s.0057	−7° 55′ 59″.8	+10″.683	−0″.364	93.5	98 211	8° 757
952	8.9	51 19.81	2.9291	0.0060	7 14 12.3	10.676	0.366	95.0	102 368	7 707
953	9.0	51 38.76	2.9400	0.0061	6 40 52.6[1]	10.652	0.367	94.9 97.3	91 364 410δ	6 787
954	8.2	51 50.25	2.9553	0.0063	5 54 49.8	10.638	0.370	95.0	95 367	6 789
955	8.9	51 53.88	2.9317	0.0060	7 5 23.7	10.634	0.367	96.7	294 371 392	7 708
956	8.0	3 52 16.40	+2.9244	+0.0059	−7 27 0.1	+10.606	−0.366	95.9	294 368	7 709
957	8.8	52 16.42	2.8980	0.0056	8 45 9.1	10.606	0.363	96.9	359 366	8 760
958	8.8	52 38.26	2.9562	0.0063	5 51 20.6	10.579	0.370	95.0	95 367	5 785
959	8.7	52 39.81	2.9080	0.0057	8 15 13.1	10.577	0.364	95.4	212 359	8 762
960	8.3	52 45.14	2.9274	0.0059	7 17 28.2	10.570	0.366	95.4	210 361	7 710
961	8.9	3 52 49.01	+2.9391	+0.0061	−6 42 32.0	+10.565	−0.369	95.6	91 364 367	6 793
962	8.2	52 50.73	2.8726	0.0054	9 59 18.2	10.563	0.360	95.9	293 369	10 796
963	8.9	53 2.31	2.9248	0.0059	7 24 51.0	10.549	0.367	96.0	294 371	7 712
964	8.3	53 10.11	2.9522	0.0062	6 2 34.6	10.539	0.371	95.0	100 367	6 795
965	8.6	53 17.92	2.9284	0.0060	7 13 49.2	10.529	0.368	93.5	102 210	7 713
966	9.0	3 53 20.49	+2.8885	+0.0056	−9 11 53.8	+10.526	−0.363	94.4	207 293	9 782
967	8.3	53 33.81	2.8866	0.0055	9 17 6.6	10.510	0.362	94.4	207 293	9 783
968	9.0	53 42.30	2.8804	0.0055	9 35 8.2	10.499	0.362	96.9	359 369	9 785
969	5.8	53 56.63	2.9579	0.0063	5 45 2.2	10.481	0.372	95.0	95 364	5 789
970	9.0	54 23.43	2.9138	0.0058	7 55 32.7	10.448	0.367	95.0	98 366	8 765
971	9.0	3 54 56.28	+2.9031	+0.0057	−8 26 27.8	+10.407	−0.366	96.9	361 366	8 767
972	9.2	55 18.39	2.8943	0.0055	8 51 49.7	10.380	0.365	95.0	98 366	8 768
973	9.0	55 22.67	2.8789	0.0054	9 36 48.5	10.374	0.363	96.9	359 369	9 791
974	8.4	55 24.31	2.9390	0.0060	6 40 3.0	10.372	0.371	94.3	91 100 364	6 799
975	9.3	56 9.70	2.8851	0.0054	9 17 31.4	10.315	0.365	96.3	293 369 372	9 793
976	8.7	3 56 17.67	+2.9418	+0.0060	−6 30 54.4	+10.305	−0.372	95.0	95 364	6 802
977	8.6	56 18.20	2.8733	0.0053	9 51 49.0	10.305	0.363	94.4	207 293	9 794
978	8.9	56 42.19	2.9133	0.0057	7 54 23.8	10.275	0.369	93.5	98 211	8 769
979	7.9	57 19.37	2.9466	0.0061	6 15 30.0	10.228	0.374	94.9	91 367	6 805
980	8.9	57 20.11	2.8995	0.0056	8 34 9.2	10.227	0.368	96.9	359 366	8 770
981	9.1	3 57 20.35	+2.9483	+0.0061	−6 10 31.6	+10.227	−0.374	94.9	91 364	6 806
982	9.0	57 26.55	2.9058	0.0056	8 15 20.6	10.219	0.369	95.4	212 359	8 771
983	*8.9	57 29.70	2.9257	0.0058	7 17 5.2	10.215	0.371	93.4	100 102 210*	7 724
984	8.5	58 12.44	2.8997	0.0056	8 32 27.4	10.162	0.368	95.0	98 366	8 774
985	8.8	58 13.71	2.8896	0.0055	9 1 48.8	10.160	0.367	94.4	207 293	9 801
986	8.2	3 58 27.57	+2.9272	+0.0059	−7 11 27.4	+10.143	−0.373	93.5	102 210	7 728
987	9.0	58 43.40	2.9474	0.0061	6 12 9.3	10.123	0.375	94.9	91 364	6 808
988	7.6	59 3.70	2.9447	0.0060	6 19 36.1	10.097	0.375	94.9	91 364	6 809
989	9.0	59 7.23	2.9179	0.0058	7 38 17.9	10.093	0.372	95.0	100 368	7 730
990	9.1	59 17.68	2.8955	0.0056	8 43 19.3	10.079	0.369	95.0	98 369	8 776
991	8.1	3 59 26.44	+2.9142	+0.0057	−7 48 8.5	+10.068	−0.371	95.4	210 359	7 731
992	8.5	59 29.65	2.8994	0.0056	8 31 29.6	10.064	0.370	93.5 97.8	97 211 411δ 412δ	8 778
993	8.1	59 35.31	2.9420	0.0060	6 26 48.7	10.057	0.376	95.0	95 367	6 811
994	8.7	59 43.90	2.9299	0.0059	7 2 11.7	10.046	0.374	95.0	102 368	7 734
995	8.7	59 44.54	2.9420	0.0060	6 26 37.6	10.046	0.376	95.0	95 367	6 812
996	9.4	4 0 2.29	+2.8889	+0.0055	−9 1 11.1	+10.023	−0.369	94.4	207 293	9 806
997	9.3	0 7.63	2.9454	0.0060	6 16 33.9	10.016	0.376	94.4	91 100 371	6 813
998	8.6	0 17.88	2.9159	0.0058	7 42 41.5	10.003	0.373	95.4	210 361	7 737
999	8.3	0 18.68	2.8781	0.0054	9 32 4.6	10.002	0.367	96.9	359 369	9 807
1000	8.5	0 21.03	2.9370	0.0060	6 40 51.5	9.999	0.375	97.0 98.7	364 377 410δ	6 814

[1] 51″.2 53″.9 52″.6

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1001	8.2	4^h 0^m $30.^s99$	$+2.^s9383$	$+0.^s0060$	−6° 36′ $49.''2$	$+9.''987$	$-0.''375$	96.5	341 367	6° 815
1002	8.1	0 39.00	2.9124	0.0057	7 52 11.1	9.977	0.373	95.0	102 368	7 738
1003	8.8	0 41.44	2.9243	0.0058	7 17 32.5	9.974	0.374	96.9	359 368	7 739
1004	9.2	0 42.15	2.9471	0.0061	6 10 53.4	9.973	0.377	97.1	371 377	6 816
1005	9.0	0 48.28	2.9256	0.0059	7 13 41.8	9.965	0.375	96.9	361 368	7 740
1006	6.8	4 1 7.43	+2.8862	+0.0055	−9 7 36.5	+9.941	−0.370	94.4	207 293	9 811
1007	9.0	1 19.46	2.8875	0.0055	9 3 33.8	9.925	0.370	94.4	207 293	9 812
1008	9.0	1 26.49	2.8892	0.0054	8 58 37.8	9.917	0.370	97.6	369 392	9 813
1009	7.9	1 26.75	2.9074	0.0057	8 5 57.3	9.916	0.372	95.0 97.3	97 366 411δ	8 785
1010	9.3	1 48.68	2.9187	0.0058	7 32 44.1	9.888	0.374	95.0	100 368	7 744
1011	8.4	4 1 52.05	+2.8935	+0.0055	−8 45 45.9	+9.884	−0.371	93.5	98 212	8 787
1012	8.9	2 27.32	2.8875	0.0055	9 1 55.5	9.839	0.371	94.4	207 293	9 815
1013	7.4	2 28.87	2.8669	0.0053	10 1 32.4	9.837	0.368	96.9	359 369	10 841
1014	6.8	2 34.59	2.9446	0.0059	6 16 32.5	9.830	0.378	94.9	91 364	6 822
1015	9.2	2 35.28	2.9351	0.0059	6 44 5.7	9.829	0.377	95.0	95 367	6 823
1016	8.7	4 2 35.52	+2.9251	+0.0058	−7 13 21.2	+9.829	−0.376	93.5	102 210	7 746
1017	9.1	2 56.46	2.8731	0.0054	9 42 45.5	9.802	0.369	97.0	361 369 371	9 819
1018	8.8	2 59.71	2.9044	0.0057	8 12 31.2	9.798	0.373	95.0	98 366	8 791
1019	8.9	3 19.17	2.9069	0.0057	8 5 1.9	9.773	0.375	95.0 97.3	97 366 412δ	8 792
1020	9.0	3 34.96	2.8823	0.0054	9 15 42.3	9.753	0.371	96.7	293 371 390	9 822
1021	8.9	4 3 37.34	+2.9138	+0.0057	−7 44 48.3	+9.750	−0.376	95.5	210 377	7 752
1022	9.1	3 39.88	2.9015	0.0056	8 20 22.5	9.747	0.374	96.9	359 368	8 795
1023	*9.1	3 45.20	2.9042	0.0057	8 12 14.7	9.740	0.374	95.0	98* 366	8 796
1024	7.4	3 57.44	2.8889	0.0055	8 56 7.0	9.725	0.372	95.5	207 377	9 823
1025	8.6	4 0.04	2.9439	0.0059	6 17 24.4	9.721	0.379	94.9	91 364	6 829
1026	8.7	4 4 5.62	+2.9008	+0.0056	−8 21 54.6	+9.714	−0.374	96.9	359 368	8 797
1027	9.3	4 11.87	2.9405	0.0059	6 26 47.8	9.706	0.379	95.0	95 364	6 831
1028	9.0	4 29.50	2.9163	0.0057	7 36 27.7	9.684	0.377	96.9	361 367	7 754
1029	7.2	4 29.87	2.9042	0.0057	8 11 32.1	9.683	0.375	93.4 93.5	97 98a 211	8 798
1030	8.7	4 37.36	2.8723	0.0054	9 42 53.1	9.674	0.371	95.9	293 369	9 825
1031	7.4	4 4 49.82	+2.9048	+0.0057	−8 9 33.3	+9.658	−0.376	95.6	212 377	8 801
1032	9.2	5 0.06	2.8691	0.0052	9 51 27.2	9.645	0.370	97.0	359 371	9 828
1033	8.7	5 6.76	2.8671	0.0052	9 56 53.3	9.636	0.370	97.1	369 377	10 854
1034	8.6	5 16.45	2.9428	0.0059	6 19 12.0	9.624	0.380	95.0	100 364	6 838
1035	*8.9	5 28.71	2.8854	0.0054	9 4 17.1	9.608	0.373	95.4	207* 361	9 833
1036	6.1	4 5 29.77	+2.9248	+0.0058	−7 11 6.6	+9.607	−0.378	93.5	102 210	7 758
1037	*6.5	5 58.73	2.8849	0.0054	9 4 50.0	9.570	0.374	94.5	207* 300	9 837
1038	8.9	5 59.26	2.9189	0.0057	7 27 44.5	9.569	0.378	97.0	368 379	7 761
1039	9.1	6 36.41	2.9443	0.0060	6 13 41.0	9.521	0.381	95.0	95 364	6 840
1040	8.8	6 40.14[1]	2.9235	0.0058	7 13 35.9	9.517	0.379	97.0	361 371 377	7 763
1041	4.3	4 6 58.99	+2.9261	+0.0058	−7 5 53.6	+9.492	−0.379		**Fund. Cat.**	7 764
1042	9.1	7 6.86	2.9304	0.0058	6 53 31.2	9.482	0.380	97.0	368 379	7 765
1043	*7.0	7 7.04	2.8842	0.0054	9 5 44.8	9.482	0.375	94.5	207 300*	9 843
1044	8.9	7 8.91	2.8984	0.0055	8 24 49.7	9.480	0.377	95.0	97 366	8 807
1045	8.7	7 14.32	2.8749	0.0053	9 31 51.5	9.473	0.373	96.0	300 369	9 844
1046	9.2	4 7 18.98	+2.9523	+0.0060	−5 50 1.4	+9.467	−0.383	95.0	100 364	5 848
1047	9.3	7 37.65	2.9328	0.0057	6 46 5.3	9.443	0.381	95.0	95 371	6 842
1048[2]	9.0	7 47.47	2.9260	0.0057	7 5 27.4	9.430	0.380	95.0	102 368	7 768
1049	7.2	8 2.37	2.9353	0.0058	6 38 27.8	9.411	0.381	94.9	91 367	6 847
1050	8.8	8 31.51	2.8702	0.0053	9 43 30.4	9.373	0.374	95.9	293 369	9 849

[1] $40.^s26$ $40.^s15$ $40.^s02$ [2] Z. 368: Dpl. pr., com. $9.^m4$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1051	9.0	4h 9m 0s.73	+2s.8725	+0s.0053	−9° 36′ 24″.1	+9″.336	−0″.374	97.0	361 369 377	9° 852
1052	8.4	9 32.16	2.9225	0.0057	7 13 38.1	9.295	0.382	93.5	100 210	7 773
1053	9.4	9 36.22	2.8829	0.0054	9 6 20.1	9.290	0.377	97.3	359 372 390	9 854
1054	9.0	9 56.78	2.9179	0.0057	7 26 22.1	9.263	0.381	93.5	102 210	7 776
1055	9.0	10 15.74	2.8654	0.0052	9 54 38.6	9.239	0.374	94.4	207 293	10 874
1056	8.9	4 10 17.80	+2.8656	+0.0052	−9 54 10.6	+9.236	−0.374	94.4	207 293	10 875
1057	8.9	10 26.49	2.9168	0.0057	7 29 5.8	9.225	0.381	97.0 97.1	361 371 377δ 379	7 779
1058	8.6	10 26.95	2.8689	0.0053	9 44 28.8	9.224	0.375	96.0	300 369	9 856
1059	9.2	10 37.92	2.8961	0.0055	8 27 31.2	9.210	0.379	95.0	98 366	8 814
1060	*4.5	10 40.84	2.9099	0.0056	7 48 13.4	9.206	0.381	95.1	100 371*	7 780
1061	9.3	4 10 46.27	+2.9098	+0.0056	−7 48 35.2	+9.199	−0.381	95.0	100 367	7 781
1062	7.6	10 53.93	2.8869	0.0054	8 53 11.7	9.189	0.378	95.5	211 377	8 815
1063	*9.2	11 21.92	2.9512	0.0060	5 49 52.1	9.153	0.387	94.9	91* 364	5 865
1064	8.8	11 22.87	2.8971	0.0055	8 23 38.6	9.152	0.380	96.9	359 366	8 819
1065	8.8	11 24.47	2.8960	0.0055	8 26 57.9[1]	9.150	0.380	97.3 98.5	97 366 407 410δ	8 820
1066	8.4	4 11 40.32	+2.9271	+0.0057	−6 58 32.1	+9.129	−0.383	93.5	102 210	7 785
1067	8.6	11 53.20	2.8691	0.0053	9 42 6.0	9.112	0.376	96.0	300 369	9 859
1068	9.2	12 22.19	2.9128	0.0056	7 38 26.7	9.075	0.383	97.0	359 368 379	7 787
1069	6.3	12 25.82	2.9323	0.0058	6 43 6.3	9.070	0.385	95.6	91 364 367	6 862
1070	8.5	14 11.36	2.9116	0.0055	7 40 1.9	8.932	0.384	93.4	100 102 210	7 792
1071	8.8	4 14 20.63	+2.9307	+0.0056	−6 45 52.6	+8.920	−0.386	94.9	91 364	6 870
1072	9.3	14 32.65	2.8616	0.0052	9 59 42.8	8.905	0.377	94.5	207 300	10 891
1073	7.4	14 41.07	2.8966	0.0054	8 21 40.5[2]	8.893	0.382	97.3 99.2	5 Beob.[3]	8 829
1074	9.0	14 42.42	2.8875	0.0053	8 47 14.7[4]	8.892	0.381	93.5 97.8	98 211 409δ 410δ	8 830
1075	9.2	15 0.47	2.9385	0.0057	6 23 24.4	8.868	0.388	95.0	95 364	6 872
1076	9.2	4 15 21.97	+2.9380	+0.0057	−6 24 24.3	+8.840	−0.388	95.0	95. 364	6 873
1077	6.6	15 44.14	2.9363	0.0057	6 29 0.9	8.811	0.389	94.9	91 367	6 875
1078	8.6	15 51.47	2.8741	0.0052	9 23 17.9	8.801	0.380	94.5	207 300	9 873
1079	6.2	15 51.77	2.9075	0.0055	7 49 54.2	8.801	0.385	93.5	100 210	7 798
1080	9.0	15 58.20	2.9082	0.0055	7 47 35.1	8.793	0.385	93.5	100 210	7 799
1081	9.2	4 16 0.17	+2.9194	+0.0056	−7 16 19.9	+8.790	−0.386	96.1	102 371 372 379	7 800
1082	8.9	16 8.21	2.9508	0.0058	5 47 47.1	8.780	0.391	96.5	340 367	5 883
1083	8.4	16 15.91	2.8803	0.0053	9 5 25.2	8.769	0.381	95.0	207 344	9 874
1084	7.9	16 36.33	2.9397	0.0057	6 18 33.8	8.743	0.389	99.5	368 410	6 878
1085	*7.7	16 43.74	2.9352	0.0057	6 31 15.6[5]	8.733	0.388	98.4 99.3	341 371 407* 411δ	6 879
1086	8.1	4 16 45.40	+2.8962	+0.0054	−8 20 44.2	+8.731	−0.384	93.5 97.8	97 212 409δ 412δ	8 839
1087	9.0	16 45.96	2.9408	0.0057	6 15 18.9	8.730	0.389	96.9	360 364	6 880
1088	8.8	16 51.12	2.9427	0.0058	6 9 51.2	8.723	0.390	96.9	359 368	6 881
1089	8.8	16 55.46	2.9304	0.0057	6 44 33.7	8.717	0.389	96.5	341 367	6 883
1090	8.9	17 11.04	2.9441	0.0058	6 5 40.4	8.697	0.391	96.9	359 368	6 885
1091	8.7	4 17 29.06	+2.8746	+0.0052	−9 20 4.4	+8.673	−0.381	94.5	207 300	9 882
1092	9.1	17 31.46	2.8861	0.0052	8 47 59.3	8.670	0.383	95.0	98 366	8 842
1093	9.1	17 40.57	2.9078	0.0054	7 47 9.1	8.658	0.386	94.7	102 210 379	7 803
1094	8.6	17 55.62	2.8891	0.0053	8 39 7.2	8.638	0.384	95.0 97.3	97 366 412δ	8 844
1095	9.1	18 16.80	2.8957	0.0053	8 20 37.7	8.611	0.385	96.9	361 368	8 845
1096	7.2	4 18 29.06	+2.9043	+0.0054	−7 56 16.7	+8.594	−0.386	97.0	366 377	8 846
1097	8.7	19 4.02	2.8645	0.0051	9 46 7.2	8.548	0.381	96.0	300 369	9 889
1098	8.8	19 20.36	2.9198	0.0055	7 12 18.6	8.527	0.389	93.5	102 210	7 807
1099	*9.0	19 26.60	2.9509	0.0058	5 44 51.6	8.519	0.394	95.0	95* 364	5 901
1100	9.2	19 29.58	2.9518	0.0058	5 42 33.3	8.515	0.394	95.0	95 364	5 902

[1] 59″.6 57″.2 57″.9 56″.9 [2] 41″.8 39″.2 40″.7 40″.7 39″.9 [3] ZZ. 97 366 407 411δ 412δ
[4] 16″.6 14″.0 13″.3 14″.8 [5] 16″.6 13″.9 15″.6 16″.2

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1101	8.7	4h 19m 33s.23	+2s.9283	+0s.0055	−6° 48′ 8″.0	+8″.510	−0″.391	96.5	341 367	6° 897
1102	8.6	19 49.50	2.9471	0.0057	5 55 11.9	8.488	0.393	96.5	340 367	6 898
1103[1]	*8.0	19 54.44	2.8813	0.0052	8 58 44.5	8.482	0.384	96.0	300* 369	9 892
1104	8.9	19 58.28	2.8966	0.0053	8 15 59.5	8.477	0.386	96.9	361 366	8 853
1105	*8.4	19 58.61	2.8710	0.0052	9 27 13.4	8.476	0.383	96.6	344* 371	9 894
1106	*8.5	4 20 3.40	+2.8813	+0.0052	−8 58 30.5	+8.470	−0.384	96.0	300* 369	9 896
1107	9.0	20 17.27	2.8909	0.0053	8 31 35.9	8.452	0.385	95.0	97 366	8 855
1108	8.0	20 22.77	2.9478	0.0057	5 52 54.1	8.444	0.393	96.5	340 367	5 906
1109	9.0	21 34.64	2.9000	0.0054	8 5 14.2[2]	8.349	0.388	95.4 97.6	212 359 409δ	8 861
1110	7.6	21 47.53	2.9314	0.0055	6 37 49.9	8.332	0.392	95.0	100 364	6 906
1111	7.5	4 21 53.69	+2.9211	+0.0055	−7 6 29.4	+8.324	−0.391	93.5	102 210	7 813
1112	9.3	21 58.54	2.8791	0.0052	9 2 29.2	8.317	0.385	95.0	207 343	9 898
1113	9.1	22 0.79	2.9057	0.0053	7 49 7.0	8.314	0.389	93.5	102 210	7 814
1114	8.7	22 20.48	2.8772	0.0052	9 7 24.5	8.288	0.386	96.0	300 369	9 899
1115	8.3	22 26.09	2.9433	0.0056	6 4 6.6	8.281	0.395	98.3 99.0	340 364a 407	6 911
1116	9.0	4 22 34.83	+2.8882	+0.0052	−8 37 3.1	+8.269	−0.387	95.0 97.3	97 366 411δ	8 863
1117	8.5	22 42.22	2.8925	0.0052	8 24 55.7	8.259	0.388	96.9	359 366	8 864
1118	9.0	22 51.63	2.8628	0.0050	9 46 34.1	8.247	0.384	96.6	343 344 369 372	9 901
1119	*9.2	22 58.97	2.8885	0.0052	8 35 37.6	8.237	0.387	93.5 96.4	97 211* 412δ	8 866
1120	8.7	23 31.31	2.9198	0.0054	7 8 42.4	8.194	0.392	95.0	102 367	7 818
1121	8.4	4 23 40.04	+2.9060	+0.0053	−7 46 40.8	+8.182	−0.391	95.4	210 360	7 820
1122	8.9	24 2.36	2.9160	0.0054	7 18 50.0	8.153	0.392	96.9	359 368	7 823
1123	8.7	24 24.13	2.9466	0.0056	5 53 44.1	8.124	0.396	95.0	100 367	5 928
1124	9.0	24 24.87	2.9500	0.0057	5 43 51.8	8.123	0.397	96.5	341 364	5 929
1125	9.1	24 43.39	2.9133	0.0054	7 25 39.0	8.098	0.392	95.4	210 359	7 825
1126	9.0	4 25 12.97	+2.9211	+0.0054	−7 3 32.3	+8.058	−0.394	95.7	102 368 372	7 826
1127	9.2	25 17.26	2.8947	0.0052	8 16 16.6	8.053	0.390	96.9 98.6	361 366 409δ	8 869
1128	8.9	25 52.18	2.9240	0.0054	6 54 52.9	8.006	0.394	97.0	360 368 377	7 828
1129	8.5	25 53.67	2.9122	0.0053	7 27 29.8	8.004	0.393	95.4	210 359	7 829
1130	9.2	26 43.23	2.9168	0.0054	7 14 21.3	7.938	0.394	95.0	100 368	7 832
1131	9.0	4 27 8.63	+2.8767	+0.0051	−9 3 47.9[3]	+7.904	−0.389	96.0	207 344 390	9 918
1132	9.1	27 20.34	2.8669	0.0050	9 30 37.1	7.888	0.387	96.6	343 369	9 920
1133[4]	...	27 27.48	2.8599	0.0050	9 49 7.4	7.879	0.387	97.0	361 372	9 921
1134	9.0	27 57.66	2.9448	0.0055	5 56 14.5	7.838	0.399	95.0	100 364	6 929
1135	8.8	28 0.37	2.9318	0.0054	6 31 59.9	7.834	0.397	96.5	341 367	6 931
1136	9.0	4 28 3.10	+2.8921	+0.0051	−8 21 8.9	+7.831	−0.392	95.4	212 359	8 875
1137	9.0	28 4.86	2.8965	0.0052	8 9 0.9	7.828	0.393	97.0	359 374	8 876
1138	9.0	28 17.49	2.8821	0.0050	8 48 2.1	7.811	0.391	96.9	360 366	8 878
1139	9.1	28 18.35	2.8547	0.0049	10 2 25.1[5]	7.810	0.387	96.6 98.4	344 371 411δ	10 951
1140	8.9	28 32.77	2.8626	0.0049	9 40 45.4	7.791	0.388	96.6	343 369	9 925
1141	8.2	4 28 38.17	+2.8985	+0.0051	−8 3 5.1	+7.784	−0.393	93.5 96.4	94 211 412δ	8 879
1142	7.1	28 39.77	2.9171	0.0053	7 11 58.5	7.781	0.395	95.0	102 368	7 837
1143	9.1	28 39.86	2.8628	0.0049	9 39 56.2	7.781	0.388	96.6	343 369	9 927
1144	9.1	28 40.73	2.8798	0.0050	8 53 52.7	7.780	0.390	96.9	360 366	8 881
1145	*7.5	28 49.38	2.8893	0.0051	8 27 57.0	7.769	0.392	95.0	97* 371	8 884
1146[6]	8.9	4 28 56.38	+2.8982	+0.0051	−8 3 35.8	+7.759	−0.393	97.1	374 377	8 885
1147	9.0	28 58.80	2.9332	0.0054	6 27 25.7	7.756	0.398	96.5	341 364	6 934
1148	9.0	28 59.72	2.9274	0.0053	6 43 27.9	7.755	0.397	97.0	361 372	6 935
1149	8.9	29 0.58	2.9307	0.0053	6 34 24.1	7.754	0.397	96.9	361 364	6 936
1150	*6.0	29 2.17	2.9225	0.0053	6 56 55.3	7.751	0.396	95.5	210 377*	7 838

[1] Z. 300: Dpl.? maj., Austr. [2] 12″.4 14″.9 15″.4 [3] 46″.4 48″.9 48″.5 [4] Dpl. med. [5] 23″.4 25″.9 26″.0
[6] Z. 377: Dpl.? maj.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1151	8.9	$4^h\ 29^m\ 6^s.49$	+2ˢ.8876	+0ˢ.0050	−8° 32′ 19″.3[1]	+7″.746	−0″.391	98.7 99.6	374 377 407 411δ	8° 886
1152	8.9	29 7.91	2.9339	0.0054	6 25 32.0	7.744	0.398	95.6	226 379	6 937
1153	6.7	29 22.04	2.9203	0.0053	7 2 45.4	7.725	0.397	95.4	210 360	7 841
1154	*6.2	29 22.58	2.8896	0.0051	8 26 26.3	7.724	0.393	95.6	97 359 366*	8 887
1155	*6.5	29 24.46	2.8734	0.0050	9 10 33.7	7.721	0.390	95.0	207 344*	9 930
1156	8.5	4 30 4.66	+2.9166	+0.0053	−7 12 13.4	+7.667	−0.396	95.0	102 368	7 845
1157	9.0	30 16.28	2.9099	0.0052	7 30 24.0	7.652	0.395	95.1	100 372	7 847
1158	8.8	30 18.76	2.8792	0.0050	8 54 2.1	7.648	0.391	96.6	345 371	8 891
1159	*8.2	30 27.25	2.8561	0.0049	9 56 35.7	7.637	0.388	95.0	207* 343	10 958
1160	*7.5	30 28.11	2.8561	0.0049	9 56 33.1	7.636	0.388	95.0	207* 343	10 959
1161	8.2	4 30 32.16	+2.8879	+0.0051	−8 29 53.2[2]	+7.630	−0.393	98.6	359 366 407	8 892
1162	8.7	30 39.84	2.9363	0.0054	6 17 51.7	7.620	0.399	95.1	226 341	6 943
1163	8.5	30 50.34	2.8683	0.0050	9 22 52.0	7.606	0.390	96.9	361 369	9 934
1164	*7.4	32 1.48	2.8839	0.0050	8 39 49.4	7.510	0.393	95.0 97.3	97* 366 412δ	8 894
1165	9.0	32 17.31	2.9020	0.0051	7 50 28.5	7.488	0.395	95.0	100 367	7 854
1166	*8.4	4 32 21.42	+2.8845	+0.0050	−8 37 43.9[3]	+7.483	−0.393	97.3 99.2	5 Beob.[4]	8 896
1167	8.7	32 40.37	2.8527	0.0048	10 3 9.3	7.457	0.391	95.0	207 343	10 968
1168	8.8	32 44.39	2.8856	0.0049	8 34 34.4	7.452	0.394	95.4	212 361	8 898
1169	9.0	33 12.20	2.8703	0.0049	9 15 16.1	7.414	0.393	95.0	207 344	9 944
1170	9.0	33 27.33	2.9402	0.0053	6 5 17.0	7.393	0.402	96.5	341 367	6 953
1171	8.7	4 33 31.15	+2.8875	+0.0050	−8 28 39.0	+7.388	−0.395	95.0	94 366	8 901
1172	8.3	33 47.52	2.8638	0.0048	9 32 33.3	7.366	0.393	97.0	360 374	9 947
1173	8.8	33 49.27	2.8706	0.0049	9 14 5.6	7.364	0.394	95.4	207 343 344	9 948
1174	8.8	33 49.53	2.9043	0.0051	7 42 52.4	7.363	0.397	95.0	102 368	7 861
1175	7.2	34 3.27	2.8885	0.0050	8 25 22.4	7.345	0.395	95.4	211 361	8 903
1176	8.9	4 34 4.37	+2.9165	+0.0052	−7 9 23.0	+7.343	−0.399	97.1	374 377	7 863
1177	8.6	34 4.14	2.9069	0.0051	7 35 36.0	7.344	0.397	95.0	102 368	7 864
1178	8.8	34 5.37	2.9426	0.0053	5 58 18.5	7.342	0.402	95.0	100 367	6 954
1179	8.9	34 40.15	2.8724	0.0049	9 8 30.3	7.295	0.394	95.0	207 343	9 950
1180	8.6	35 5.36	2.9107	0.0051	7 24 39.4	7.260	0.399	95.0	102 367	7 869
1181	9.3	4 35 20.21	+2.9159	+0.0051	−7 10 12.6	+7.240	−0.399	96.9	359 368	7 873
1182	9.3	35 38.48	2.8977	0.0050	7 59 19.5[5]	7.215	0.397	95.0 98.5	97 366 411δ 412δ	8 910
1183	9.0	35 41.59	2.9391	0.0052	6 6 59.8	7.211	0.403	93.6	100 226	6 959
1184	9.2	36 3.80	2.9018	0.0050	7 47 56.4	7.181	0.399	95.0	102 367	7 875
1185	7.6	36 12.57	2.9207	0.0051	6 56 27.9	7.169	0.401	95.4	210 359	7 876
1186	9.1	4 36 21.51	+2.8737	+0.0049	−9 3 17.8	+7.157	−0.395	95.4	207 343 344	9 958
1187	9.2	36 25.96	2.9257	0.0051	6 42 52.8	7.151	0.402	95.5	226 360	6 961
1188	8.7	36 39.65	2.8887	0.0050	8 22 44.3	7.132	0.397	95.0	94 366	8 914
1189	9.0	36 53.39	2.8990	0.0050	7 54 32.9	7.113	0.398	96.6	345 374	8 915
1190	8.7	36 59.76	2.9325	0.0052	6 24 7.2	7.105	0.403	96.5	341 364	6 963
1191	9.5	4 37 31.03	+2.8786	+0.0048	−8 48 51.9[6]	+7.062	−0.397	95.0 98.5	94 366 409δ 410δ	8 916
1192	9.1	37 42.62	2.9358	0.0052	6 14 33.7	7.046	0.404	95.0	100 364	6 968
1193	7.4	37 45.97	2.9423	0.0052	5 56 49.6[7]	7.041	0.405	98.3 99.3	341 367 407 411δ	6 969
1194	8.5	37 52.39	2.8745	0.0048	8 59 44.9	7.033	0.396	95.0	207 343	9 964
1195	7.3	38 14.57	2.9265	0.0051	6 39 33.7	7.002	0.403	93.6	102 226	6 970
1196	8.6	4 38 16.51	+2.9056	+0.0050	−7 36 2.6	+7.000	−0.400	96.0	299 368	7 882
1197	9.1	38 16.69	2.8669	0.0047	9 19 51.0	7.000	0.395	96.6	344 374	9 966
1198	8.9	38 20.07	2.9115	0.0050	7 19 59.3	6.995	0.401	96.9	359 367	7 883
1199	8.9	38 23.79	2.9205	0.0050	6 55 45.4	6.990	0.402	96.9	360 368	7 884
1200	8.8	38 24.29	2.9425	0.0051	5 55 59.0	6.989	0.405	95.1	226 341	6 971

[1] 18″.2 21″.0 17″.7 20″.1 [2] 54″.4 51″.9 53″.3 [3] 45″.7 42″.8 43″.3 43″.5 44″.0 [4] ZZ. 97* 366 407 409δ 410δ
[5] 19″.4 18″.2 20″.7 19″.6 [6] 53″.2 50″.7 51″.3 52″.4 [7] 51″.3 48″.1 49″.3 49″.7

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1201	9.0	$4^h\ 38^m\ 28^s.08$	$+2^s.8812$	$+0^s.0048$	$-8°\ 41'\ 30''.9$	$+6''.984$	$-0''.397$	95.1	212 345	8° 923
1202	8.3	38 30.25	2.8561	0.0046	9 48 28.1	6.981	0.394	96.6	344 369	9 968
1203	7.3	38 46.89	2.8746	0.0048	8 58 53.2	6.958	0.396	95.0	207 343	9 969
1204	7.0	38 47.31	2.8746	0.0048	8 58 59.4	6.958	0.396	95.0	207 343	9 970
1205	8.9	39 0.38	2.9137	0.0050	7 13 34.2	6.940	0.401	96.0	299 367	7 886
1206	9.1	4 39 0.58	+2.8868	+0.0049	−8 25 59.5	+6.940	−0.398	96.5	345 366	8 927
1207	6.4	39 16.97	2.8809	0.0048	8 41 25.5	6.917	0.398	93.5 96.4	97 211 412δ	8 928
1208	8.7	39 34.37	2.9317	0.0051	6 24 42.3	6.893	0.405	96.9	359 364	6 979
1209	9.0	39 41.47	2.9328	0.0051	6 21 33.7[1]	6.884	0.405	99.5 00.3	359 409δ 414	6 980
1210	9.1	39 47.65	2.9053	0.0049	7 35 39.7[2]	6.875	0.401	95.0 97.4	100 368 410δ	7 888
1211	9.0	4 39 58.35	+2.9425	+0.0051	−5 55 6.5	+6.861	−0.406	95.1	226 341	6 982
1212	8.5	39 59.29	2.8676	0.0047	9 16 36.8	6.859	0.396	96.6	344 369	9 974
1213	9.0	40 6.97	2.9353	0.0051	6 14 32.3	6.849	0.405	96.9	360 364	6 983
1214	9.0	40 22.11	2.8859	0.0048	8 27 21.7	6.828	0.399	96.5	345 366	8 934
1215	8.6	40 42.59	2.9460	0.0051	5 45 23.4	6.800	0.407	95.6	226 377	5 1023
1216	9.0	4 40 55.89	+2.9464	+0.0052	−5 44 7.5	+6.782	−0.407	99.6	377 414	5 1025
1217	8.8	41 1.98	2.9260	0.0050	6 39 7.1	6.773	0.405	96.9	361 364	6 986
1218	7.7	41 8.17	2.9145	0.0050	7 10 4.6	6.765	0.403	95.0	102 367	7 893
1219	8.5	41 13.83	2.8543	0.0046	9 50 27.5	6.757	0.395	95.0	207 343	9 977
1220	8.9	41 29.00	2.8585	0.0047	9 39 33.5	6.736	0.396	96.6	344 369	9 978
1221	8.7	4 42 54.06	+2.8630	+0.0046	−9 26 5.7	+6.619	−0.397	95.0	207 343	9 985
1222	8.8	43 3.43	2.8756	0.0047	8 52 42.5	6.606	0.399	95.1	219 345	8 941
1223	8.7	43 10.27	2.8850	0.0048	8 27 41.3	6.597	0.401	93.5 96.4	97 211 412δ	8 942
1224	9.1	43 11.21	2.8885	0.0048	8 17 58.3[3]	6.596	0.401	96.5 98.4	345 366 409	8 943
1225	9.0	43 12.73	2.9269	0.0049	6 35 19.0	6.594	0.406	93.6	100 226	6 992
1226	8.0	4 43 18.03	+2.9135	+0.0049	−7 11 6.1	+6.586	−0.404	95.0	102 367	7 899
1227	7.2	43 27.93	2.8572	0.0046	9 41 1.4	6.573	0.397	96.6	344 369	9 986
1228	9.0	43 28.17	2.9083	0.0049	7 25 9.1	6.572	0.404	96.0	299 368	7 902
1229	6.7	43 39.63	2.9435	0.0050	5 50 36.1	6.556	0.408	94.6	226 301	5 1044
1230	9.0	43 44.01	2.8990	0.0048	7 49 43.9	6.550	0.403	95.0	102 368	7 903
1231	8.6	4 43 57.03	+2.9394	+0.0050	−6 1 26.2	+6.532	−0.408	93.6	100 226	6 994
1232	8.1	44 5.68	2.9112	0.0049	7 17 7.7	6.520	0.404	96.0	299 367	7 905
1233[4]	9.0	44 8.41	2.8936	0.0048	8 3 52.5[5]	6.517	0.402	99.4 00.3	4 Beob. [6]	8 946
1234	9.0	44 13.77	2.8686	0.0047	9 10 17.9	6.509	0.398	95.4	207 343 344	9 992
1235	8.8	44 24.93	2.9073	0.0049	7 27 3.5	6.494	0.404	96.9	359 367	7 906
1236	8.7	4 44 26.90	+2.9053	+0.0048	−7 32 32.2	+6.491	−0.403	96.9	359 368	7 907
1237	7.9	44 32.03	2.8682	0.0047	9 11 1.9	6.484	0.398	95.6 95.4	207 343a 360	9 995
1238	8.4	44 39.53	2.8883	0.0048	8 17 32.4	6.474	0.401	93.5	94 219	8 948
1239	8.6	44 48.68	2.9215	0.0049	6 48 53.4	6.461	0.406	96.0	301 364	6 999
1240	8.9	44 49.62	2.8779	0.0047	8 45 21.3	6.460	0.400	96.5	345 366	8 949
1241	7.9	4 44 49.71	+2.9265	+0.0049	−6 35 23.6	+6.460	−0.406	96.5	341 364	6 1000
1242	8.9	44 54.23	2.8701	0.0047	9 5 38.4	6.454	0.399	95.0	207 344	9 998
1243	9.2	45 12.89	2.8764	0.0046	8 48 47.2	6.428	0.401	96.9	361 366	8 951
1244	8.9	45 14.39	2.8782	0.0046	8 43 55.0	6.426	0.401	95.4	97 345 366	8 952
1245	9.0	45 45.63	2.9148	0.0048	7 6 11.4	6.383	0.406	95.0	100 367	7 911
1246	8.6	4 45 58.15	+2.8556	+0.0045	−9 43 15.9	+6.365	−0.398	97.1	369 376	9 1002
1247	8.9	46 7.68	2.9440	0.0049	5 47 44.8	6.352	0.410	95.1	226 341	5 1059
1248	8.3	46 10.21	2.8864	0.0047	8 21 26.5	6.349	0.402	95.6	219 376	8 956
1249	8.6	46 23.65	2.8504	0.0045	9 56 27.0	6.330	0.397	95.0	207 343	10 1026
1250	7.5	46 52.24	2.8814	0.0046	8 34 14.5	6.290	0.402	95.0	94 368	8 960

[1] 34".2 32".0 34".8   [2] 41".6 39".3 38".2   [3] 60".0 57".7 57".1   [4] Z. 410: Dpl.? med., ganz verwaschen
[5] 52".0 48".6(½) 54".0 53".3   [6] Z Z. 212 410 411 1903 Febr. 6

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1251	8.6	4h 47m 0s.41	+2s.8938	+0s.0047	−8° 1′ 21″.8	+6″.279	−0″.404	95.5	219 359	8° 961
1252	8.9	47 6.02	2.9168	0.0048	6 59 57.0	6.271	0.407	96.0	299 367	7 915
1253	8.9	47 22.93	2.8944	0.0047	7 59 22.1	6.248	0.404	95.5	219 359	8 962
1254	8.1	47 30.17	2.8927	0.0047	8 3 45.5	6.238	0.404	95.0 98.5	97 366 409δ 410δ	8 963
1255	*7.5	47 31.11	2.8969	0.0047	7 52 35.1	6.236	0.404	95.0	102 367*	7 917
1256	8.7	4 47 31.79	+2.8747	+0.0046	−8 51 15.4	+6.235	−0.401	96.9	361 368	8 964
1257	8.5	47 52.91	2.9273	0.0048	6 31 28.8	6.206	0.408	94.6	226 301	6 1011
1258	9.0	47 54.33	2.9289	0.0049	6 27 13.4	6.204	0.409	94.6	226 301	6 1012
1259	8.4	47 54.70	2.8981	0.0047	7 49 6.8	6.204	0.405	95.0	100 367	7 919
1260	8.7	47 58.60	2.8753	0.0046	8 49 20.9	6.198	0.402	95.9	211 361 368	8 966
1261	7.9	4 48 19.46	+2.8548	+0.0044	−9 43 20.9	+6.169	−0.399	96.1	304 344 369	9 1013
1262	8.7	48 24.53	2.9274	0.0047	6 31 7.6	6.162	0.408	94.6	226 301	6 1015
1263	8.9	48 27.68	2.8917	0.0046	8 5 53.5[1]	6.158	0.404	96.9 98.6	359 366 411δ	8 970
1264	8.9	48 41.46	2.8698	0.0045	9 3 37.1	6.139	0.401	95.4	207 343 344	9 1016
1265	9.1	48 53.52	2.8524	0.0044	9 48 54.8	6.122	0.399	96.1	304 369	9 1018
1266	9.3	4 49 9.42	+2.8823	+0.0045	−8 30 13.6	+6.100	−0.403	95.5	219 361	8 971
1267	8.5	49 22.87	2.9220	0.0047	6 45 0.3	6.081	0.409	95.1	226 341	6 1019
1268	8.5	49 58.04	2.8491	0.0044	9 56 52.6	6.033	0.399	95.0	207 343	10 1042
1269	9.1	50 24.44	2.9021	0.0046	7 37 9.4	5.996	0.406	94.4	100 102 367	7 929
1270	7.8	50 40.56	2.9326	0.0048	6 15 58.3	5.973	0.410	96.0	301 364	6 1024
1271	8.7	4 50 40.87	+2.9251	+0.0047	−6 35 57.8	+5.973	−0.409	95.1	226 341	6 1025
1272	8.5	50 56.19	2.8921	0.0046	8 3 13.6	5.952	0.405	93.4	94 97 219	8 978
1273	8.4	51 33.39	2.9118	0.0047	7 10 49.1	5.900	0.408	93.6	102 217	7 936
1274	9.1	52 5.29	2.8472	0.0043	10 0 11.5	5.855	0.400	95.1	207 304 344	10 1053
1275	7.3	52 10.51	2.8790	0.0044	8 36 56.9[2]	5.848	0.404	96.3 97.8	94 212 409δ 410	8 984
1276	8.3	4 52 13.85	+2.9228	+0.0046	−6 41 19.2	+5.843	−0.410	93.6	100 226	6 1032
1277	9.0	52 14.66	2.8730	0.0044	8 52 32.5	5.842	0.403	96.5	345 366	8 985
1278	9.0	52 21 02	2.9153	0.0046	7 0 59.2	5.833	0.409	93.6	102 217	7 938
1279	8.5	52 30.56	2.8569	0.0043	9 34 29.9	5.820	0.401	96.6	343 369	9 1032
1280	9.0	52 31.39	2.8599	0.0044	9 26 39.6	5.819	0.402	96.6	343 369	9 1033
1281	8.7	4 52 33.08	+2.9253	+0.0046	−6 34 29 5	+5.816	−0.410	94.6	226 301	6 1034
1282	8.7	52 43.89	2.9404	0.0047	5 54 14.3	5.801	0.412	96.5	341 364	5 1102
1283	8.7	52 50.27	2.9348	0.0047	6 9 3.8	5.792	0.412	96.9	359 364	6 1035
1284	7.3	53 0.94	2.9324	0.0047	6 15 21.8	5.778	0.412	94.6	226 301	6 1038
1285	9.1	53 10.20	2.8880	0.0045	8 12 34.7	5.765	0.405	93.6 97.8	97 219 411δ 412δ	8 989
1286	8.8	4 53 20.33	+2.8488	+0.0043	−9 54 53.4	+5.751	−0.400	95.0	207 344	9 1039
1287	8.9	53 25.96	2.8508	0.0043	9 49 46.7	5.743	0.401	95.0	207 344	9 1040
1288	8.7	53 46.40	2.8911	0.0045	8 4 1.5	5.714	0.407	95.1	211 345	8 994
1289	8.7	53 49.44	2.9284	0.0047	6 25 30.2	5.710	0.412	93.6	100 226	6 1040
1290	8.1	53 49.96	2.8586	0.0044	9 29 4.0	5.709	0.402	96.6	343 369	9 1042
1291	8.1	4 54 28.49	+2.8940	+0.0045	−7 55 57.3	+5.655	−0.407	96.9	359 366	8 998
1292	9.0	54 29.73	2.9395	0.0047	5 55 47.8	5.654	0.413	96.5 98.3	341 364 410δ	6 1044
1293	8.8	54 37.26	2.8634	0.0044	9 16 4.2	5.643	0.403	96.9	361 369	9 1044
1294	7.1	54 40.09	2.8623	0.0044	9 19 2.6	5.639	0.403	96.6	343 369	9 1045
1295	8.8	55 2.62	2.8667	0.0043	9 7 4.4	5.608	0.404	96.6	344 374	9 1046
1296	8.6	4 55 4.39	+2.8930	+0.0044	−7 58 19.9	+5.605	−0.407	96.5	345 366	8 1000
1297	9.0	55 11.31	2.8867	0.0044	8 14 50.8	5.595	0.406	96.0	219 359 368	8 1001
1298	8.1	55 18.76	2.9275	0.0046	6 27 1.6	5.585	0.413	93.6	100 226	6 1051
1299	8.3	55 26.56	2.9300	0.0046	6 20 27.7	5.574	0.413	95.5	226 361	6 1052
1300	8.7	55 30.01	2.8886	0.0044	8 9 30.7	5.569	0.407	95.5	219 359	8 1003

[1] 53″.6 51″.8 55″.1 [2] 58″.6 56″.0 56″.5 56″.7

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1301	8.5	$4^h\ 55^m\ 31^s.70$	$+2^s.8740$	$+0^s.0043$	$-8°\ 47'\ 30''.8$	$+5''.567$	$-0''.405$	96.5	345 366	8° 1004
1302	8.5	55 38.24	2.8822	0.0044	8 26 24.3	5.558	0.406	97.0	368 376	8 1005
1303	6.4	55 50.89	2.9406	0.0046	5 52 11.6	5.540	0.414	96.5	341 364	5 1123
1304	9.1	55 53.72	2.8994	0.0044	7 40 47.6	5.536	0.408	95.0	102 367	7 947
1305	8.7	56 4.87	2.9363	0.0046	6 3 39.1	5.520	0.414	97.0	361 374	6 1058
1306	8.7	4 56 17.09	+2.8605	+0.0043	−9 22 20.5	+5.503	−0.404	95.1	222 343	9 1050
1307	8.9	56 27.26	2.8457	0.0042	10 0 46.5	5.489	0.402	96.1	304 369	10 1071
1308	8.8	56 30.69	2.9411	0.0046	5 50 32.0	5.484	0.414	96.5	341 364	5 1124
1309	8.7	56 30.70	2.8721	0.0043	8 52 6.4	5.484	0.405	95.0	94 366	8 1007
1310	[4.9]	56 35.42	2.9075	0.0045	7 19 14.7	5.477	0.410	97.0	367 376	7 948
1311	8.9	4 56 49.31	+2.9078	+0.0045	−7 18 10.7	+5.458	−0.410	95.0	102 367	7 949
1312	8.9	56 51.49	2.9197	0.0045	6 46 47.4	5.455	0.412	95.5	226 361	6 1063
1313	8.8	56 56.83	2.9028	0.0044	7 31 16.9	5.447	0.409	96.0	299 368	7 951
1314	8.9	56 56.98	2.8601	0.0043	9 23 6.7	5.447	0.404	96.4	343 344 369	9 1051
1315[1]	8.8	57 6.04	2.9240	0.0045	6 35 25.9	5.434	0.413	97.0	359 374	6 1064
1316	8.8	4 57 49.67	+2.9407	+0.0046	−5 50 59.6	+5.373	−0.415	95.0	100 364	5˙1135
1317	7.8	57 50.97	2.8678	0.0043	9 2 15.8	5.371	0.405	94.5	207 304	9 1055
1318	8.3	58 0.23	2.8836	0.0044	8 21 10.0	5.358	0.407	93.6 97.8	97 219 411δ 412δ	8 1011
1319[2]	*7.5	58 14.49	2.8731	0.0043	8 48 19.9	5.338	0.406	96.5	345 366*	8 1013
1320	8.8	58 16.82	2.8902	0.0044	8 3 36.6	5.335	0.408	95.1	212 345	8 1014
1321	8.9	4 58 18.83	+2.9198	+0.0045	−6 46 7.6	+5.332	−0.413	94.6	226 301	6 1071
1322	8.5	58 24.21	2.9044	0.0044	7 26 12.3	5.325	0.410	93.6	102 217	7 961
1323	8.9	58 44.42	2.8513	0.0041	9 44 37.5	5.296	0.403	94.4	207 222 304	9 1062
1324	8.5	59 6.67	2.9374	0.0045	5 59 28.2	5.265	0.416	94.6	226 301	6 1073
1325	7.1	59 24.44	2.9332	0.0045	6 10 16.2	5.240	0.415	93.6	100 226	6 1075
1326	9.1	4 59 33.41	+2.8828	+0.0043	−8 22 19.9	+5.227	−0.408	93.5	94 219	8 1019
1327	9.1	59 56.59	2.8797	0.0042	8 30 1.9	5.195	0.407	96.5	345 366	8 1021
1328	9.0	5 0 3.20	2.8813	0.0043	8 25 54.5	5.185	0.408	95.0 97.4	97 368 414δ	8 1022
1329	8.6	0 12.13	2.8752	0.0042	8 41 45.0	5.173	0.407	93.5	106 211	8 1023
1330	9.0	0 13.38	2.9220	0.0044	6 39 31.9	5.171	0.414	96.0	301 364	6 1081
1331	8.9	5 0 20.81	+2.8811	+0.0043	−8 26 4.6	+5.161	−0.408	95.5	219 359	8 1025
1332	8.5	0 44.38	2.8457	0.0041	9 57 49.2	5.127	0.403	95.1	207 304 344	10 1090
1333	8.9	0 49.44	2.9345	0.0045	6 6 9.3	5.120	0.416	93.6	100 226	6 1084
1334	8.3	0 55.03	2.9154	0.0044	6 56 18.8	5.112	0.413	93.6	102 217	7 970
1335	8.2	0 57.31	2.8548	0.0041	9 34 1.0	5.109	0.404	95.1	222 343	9 1074
1336	9.2	5 0 57.94	+2.8763	+0.0042	−8 38 26.4	+5.108	−0.407	95.0	106 368	8 1029
1337	9.5	1 13.46	2.9142	0.0044	6 59 35.6	5.086	0.413	95.0 99.5	102a 367 411δ	7 972^{I}
1338	9.5	1 14.27	2.9142	0.0044	6 59 27.8	5.085	0.413	95.0 99.5	102a 367 412δ	7 972^{II}
1339	9.1	1 28.98	2.8438	0.0041	10 2 11.9	5.064	0.403	94.5	207 304	10 1095
1340	9.0	1 31.24	2.9265	0.0044	6 26 55.0	5.061	0.416	94.6	226 301	6 1086
1341	9.0	5 1 33.64	+2.8940	+0.0042	−7 52 2.3	+5.058	−0.410	94.5	217 299	7 974
1342	9.0	1 39.52	2.8671	0.0041	9 1 56.0	5.050	0.407	95.5	222 359	9 1075
1343	8.8	1 40.97	2.8487	0.0041	9 49 28.5	5.047	0.405	96.6	344 369	9 1076
1344	9.0	1 57.35	2.8501	0.0040	9 45 37.0	5.024	0.405	96.6	344 374	9 1078
1345	8.7	2 5.95	2.8446	0.0040	9 59 47.9	5.012	0.404	95.4	207 360	10 1099
1346	9.2	5 2 9.19	+2.8750	+0.0041	−8 41 2.6[3]	+5.008	−0.408	93.6 97.8	106 212 409δ 412δ	8 1033
1347	9.0	2 20.73	2.8612	0.0041	9 16 34.9	4.991	0.406	96.9	359 369	9 1079
1348	7.5	2 38.95	2.8726	0.0041	8 47 8.5[4]	4.966	0.408	93.5 96.4	94 219 410δ	8 1035
1349	8.5	2 59.61	2.8444	0.0040	9 59 46.4	4.936	0.404	94.5	207 304	10 1101
1350	8.9	3 2.06	2.8780	0.0041	8 32 50.4	4.933	0.408	96.5	345 368	8 1036

[1] Dpl. maj. Austr., com. $9^m.2$ [2] Dpl. pr., com. $8^m.9$ [3] $4^s.5$ $1^s.3$ $1^s.7$ $3^s.0$ [4] $6''.7$ $10''.1$ $8''.8$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1351	8.0	5h 3m 10.s39	+2.s9285	+0.s0044	−6° 20′ 56.″2[1]	+4.″921	−0.″416	96.5 99.3	341 364 411δ 414δ	6° 1090
1352	8.6	3 22.26	2.8619	0.0041	9 14 14.5	4.904	0.406	96.6	343 369	9 1081
1353	*6.9	3 32.76	2.8721	0.0041	8 47 41.5	4.889	0.408	95.7	219* 345 368	8 1037
1354	*8.9	3 34.19	2.8721	0.0041	8 47 36.9	4.888	0.408	95.7	219* 345 368	8 1038
1355	8.8	4 7.06	2.9067	0.0042	7 17 42.4	4.841	0.414	94.5	217 299	7 985
1356	9.0	5 4 13.54	+2.8935	+0.0041	−7 51 55.6	+4.832	−0.412	96.6	346 374	7 986
1357	8.5	4 15.81	2.9233	0.0042	6 34 0.7	4.829	0.416	95.1	226 341	6 1094
1358	**4.0**	**4 21.60**	**2.8699**	**0.0041**	**8 52 56.0**	**4.820**	**0.408**		**Fund. Cat.**	**8 1040**
1359	9.1	4 27.97	2.8749	0.0040	8 39 59.7	4.811	0.409	97.0	360 374	8 1041
1360	9.0	5 8.76	2.8617	0.0040	9 13 53.8	4.754	0.407	96.6	343 369	9 1086
1361[2]	8.6	5 5 11.38	+2.9088	+0.0042	−7 11 28.2	+4.750	−0.414	94.5	217 299	7 989
1362	9.1	5 19.76	2.8761	0.0040	8 36 27.0	4.738	0.409	95.1	212 345	8 1044
1363	8.9	5 26.07	2.9168	0.0042	6 50 47.7	4.729	0.415	96.0	301 364	6 1098
1364	7.9	5 31.09	2.8967	0.0041	7 42 51.6	4.722	0.412	95.5	217 360	7 993
1365	9.2	5 32.07	2.9106	0.0042	7 6 36.5	4.721	0.415	97.0	367 376	7 991
1366	8.3	5 6 15.22	+2.9327	+0.0042	−6 8 50.1	+4.660	−0.419	95.1	226 341	6 1104
1367	9.1	6 21.38	2.8545	0.0039	9 31 35.4	4.651	0.407	95.1	222 344	9 1091
1368	9.0	6 24.42	2.9149	0.0041	6 55 12.3	4.646	0.416	95.2	226 346	6 1105
1369	9.2	6 26.88	2.8742	0.0039	8 40 46.4	4.643	0.410	94.4 93.6	106 219 345a	8 1050
1370	9.1	6 31.21	2.9404	0.0042	5 48 18.9	4.637	0.420	96.0	301 364	5 1182
1371	8.9	5 6 32.25	+2.8726	+0.0039	−8 44 45.2	+4.635	−0.410	96.5	345 366	8 1051
1372	8.7	6 46.73	2.8912	0.0040	7 56 24.8	4.615	0.412	94.5	217 299	7 997
1373	9.1	7 7.64	2.8907	0.0040	7 57 36.1	4.585	0.412	96.9	359 366	8 1053
1374	8.3	7 8.44	2.8615	0.0039	9 13 7.6	4.584	0.408	96.1	304 369	9 1094
1375	8.5	7 14.04	2.8654	0.0039	9 3 0.1	4.576	0.409	96.6	343 374	9 1095
1376	*9.1	5 7 29.70	+2.9362	+0.0042	−5 59 19.1	+4.554	−0.419	94.6	3* 376	6 1106
1377	9.1	7 41.02	2.9279	0.0042	6 20 41.9	4.538	0.418	95.2	226 346	6 1107
1378	9.0	7 41.78	2.8722	0.0039	8 45 26.1	4.537	0.410	93.6	106 219	8 1056
1379	9.0	7 50.33	2.8571	0.0039	9 23 55.4	4.524	0.407	95.1	222 344	9 1097
1380	[6.5]	7 54.66	2.9318	0.0042	6 10 33.2	4.518	0.418	94.1	10 341	6 1109
1381	8.8	5 7 59.63	+2.8546	+0.0039	−9 30 11.1	+4.511	−0.407	96.6	343 369	9 1098
1382	8.5	8 9.33	2.8854	0.0040	8 11 1.9	4.497	0.411	95.0 98.5	94 366 411δ 412δ	8 1057
1383	8.7	8 13.75	2.8676	0.0038	8 56 52.9	4.491	0.409	96.5 96.1	304 374a 381	9 1099
1384	9.1	8 30.49	2.9387	0.0042	5 52 13.9	4.467	0.419	95.0	100 364	5 1192
1385	9.2	8 42.40	2.9023	0.0041	7 26 51.0	4.450	0.414	95.5	217 359	7 1005
1386	9.0	5 8 44.05	+2.9097	+0.0040	−7 7 36.9	+4.448	−0.416	96.9	361 368	7 1006
1387	7.0	8 44.78	2.8834	0.0040	8 15 56.2	4.447	0.411	96.6	345 374	8 1059
1388	*7.8	8 55.88	2.9157	0.0040	6 51 55.7	4.431	0.417	94.1	10* 346	6 1112
1389	9.1	9 6.43	2.9187	0.0040	6 44 7.2	4.416	0.418	95.4	226 301 367	6 1113
1390	9.1	9 8.07	2.9153	0.0040	6 53 7.7	4.414	0.417	96.5	346 364	6 1114
1391	9.1	5 9 15.68	+2.8886	+0.0039	−8 1 58.5	+4.403	−0.413	97.1	374 376	8 1061
1392	9.1	9 19.24	2.9179	0.0040	6 46 7.6	4.398	0.418	96.1	301 381	6 1115
1393	8.7	9 38.62	2.8939	0.0039	7 48 7.8	4.370	0.414	96.9	360 368	7 1010
1394	8.5	9 38.73	2.9033	0.0040	7 23 54.9	4.370	0.415	94.5	217 299	7 1009
1395	**1**	**9 43.87**	**2.8820**	**0.0040**	**8 19 1.5**	**4.363**	**0.411**		**Fund. Cat.**	**8 1063**
1396[3]	7.1	5 9 50.38	+2.9081	+0.0040	−7 11 12.4	+4.354	−0.416	96.1	299 381	7 1012
1397	9.0	9 59.82	2.8723	0.0038	8 43 55.9	4.340	0.411	93.5	106 211	8 1065
1398	8.4	10 3.14[4]	2.9394	0.0041	5 49 56.0	4.336	0.421	95.0	100 364	5 1203
1399	9.1	10 6.84	2.8939	0.0039	7 48 8.3	4.330	0.414	96.5	346 368	7 1013
1400	8.8	10 45.90	2.9112	0.0040	7 2 51.4	4.275	0.417	95.5	217 359	7 1016

[1] 58.″1 54.″9 56.″1 55.″8 [2] Z. 299: 9.m3 nahe [3] Dpl. maj., com. 8.m9 [4] 3.s04 3.s25

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1401	*8.1	5h 10m 17s.55	+2s.9143	+0s.0040	−6° 55′ 12″.9	+4″.315	−0″.417	95.0	3* 341 367	6° 1121
1402	9.4	11 15.85	2.8441	0.0038	9 55 19.3	4.232	0.406	94.6	222 304	9 1110
1403	9.1	11 18.13	2.8996	0.0039	7 32 45.3	4.229	0.415	96.0	299 368	7 1018
1404	9.2	11 31.38	2.9207	0.0039	6 37 59.8	4.210	0.418	94.6	226 301	6 1127
1405	9.2	11 40.02	2.9022	0.0039	7 25 49.8	4.198	0.416	96.0	303 367	7 1020
1406	9.1	5 11 41.20	+2.8781	+0.0038	−8 28 15.5	+4.196	−0.412	95.1	219 345	8 1072
1407	*9.0	11 44.47	2.9191	0.0039	6 41 59.1	4.191	0.419	93.6	3* 301	6 1128
1408	7.8	11 45.28	2.9048	0.0039	7 18 52.1	4.190	0.417	97.0	359 374	7 1021
1409	9.1	11 50.56	2.8951	0.0038	7 44 2.6	4.182	0.415	97.0	361 381	7 1022
1410	9.0	11 50.98	2.8752	0.0037	8 35 16.9	4.182	0.412	96.5	345 366	8 1073
1411	9.2	5 11 55.14	+2.9145	+0.0039	−6 53 58.3	+4.176	−0.418	95.1	226 346	6 1129
1412	8.4	12 5.45	2.9111	0.0039	7 2 46.6	4.161	0.418	95.5	217 359	7 1024
1413	9.1	12 14.49	2.8603	0.0037	9 13 42.2	4.148	0.410	96.6	344 369	9 1112
1414	**4.0**	**12 45.00**	**2.9132**	**0.0040**	**6 57 8.5**	**4.105**	**0.417**		**Fund. Cat.**	**7 1028**
1415	9.0	12 50.53	2.9184	0.0039	6 43 22.1	4.097	0.419	94.1	3 341	6 1132
1416	9.1	5 12 54.85	+2.8961	+0.0038	−7 40 55.9	+4.091	−0.415	95.5	217 360	7 1030
1417	8.6	12 57.78	2.8711	0.0037	8 45 27.7	4.087	0.412	95.0	106 366	8 1078
1418	9.1	13 3.30	2.9188	0.0039	6 42 26.6	4.079	0.419	96.5	346 364	6 1133
1419	8.9	13 7.54	2.9226	0.0039	6 32 31.2	4.073	0.419	97.0	361 367 374	6 1134
1420	7.9	13 12.66	2.8810	0.0038	8 20 6.5	4.065	0.413	96.5	345 366	8 1079
1421	9.2	5 13 33.69	+2.9143	+0.0039	−6 53 48.1	+4.035	−0.418	94.6	226 301	6 1135
1422	7.9	13 41.06	2.9271	0.0040	6 20 47.2	4.025	0.420	96.6	341 374	6 1136
1423	8.5	13 50.01	2.8923	0.0038	7 50 27.9	4.012	0.415	96.0	299 368	7 1033
1424	9.1	13 59.77	2.8617	0.0037	9 9 2.2	3.998	0.410	96.1	304 344 369	9 1119
1425	8.9	14 17.07	2.8709	0.0037	8 45 26.2	3.973	0.412	93.6	106 219	8 1085
1426	8.1	5 14 30.91	+2.9012	+0.0038	−7 27 5.5	+3.954	−0.416	94.6	217 303	7 1036
1427	8.6	14 45.83	2.8520	0.0037	9 33 25.7	3.932	0.409	94.6	222 304	9 1125
1428	8.2	14 49.64	2.8462	0.0037	9 48 15.7	3.927	0.408	96.9	361 369	9 1126
1429	9.4	14 55.21	2.8935	0.0038	7 47 2.2	3.919	0.415	96.0	303 368	7 1040
1430	*8.8	14 59.87	2.9109	0.0038	7 2 2.4	3.912	0.418	93.6	10* 299	7 1041
1431	8.8	5 15 1.09	+2.9063	+0.0038	−7 14 8.6	+3.910	−0.418	97.0	359 374	7 1042
1432	*8.6	15 14.07	2.9361	0.0039	5 56 54.8	3.892	0.422	96.8	3* 341 414	6 1141
1433	8.8	15 20.50	2.8390	0.0036	10 6 14.4	3.883	0.408	96.6	344 369	10 1156
1434	8.8	15 21.74	2.9069	0.0038	7 12 21.7	3.881	0.418	96.9	359 368	7 1043
1435	9.2	15 22.12	2.9042	0.0038	7 19 8.4	3.880	0.418	94.6	217 303	7 1044
1436	9.3	5 15 30.42	+2.9255	+0.0039	−6 24 5.9	+3.868	−0.421	96.0	301 367	6 1143
1437	8.8	15 33.42	2.9198	0.0038	6 39 1.6	3.864	0.420	96.5	346 367	6 1144
1438	9.2	15 35.04	2.9368	0.0039	5 54 48.4	3.862	0.422	97.0	364 375	5 1226
1439	7.8	15 35.47	2.8854	0.0037	8 7 46.1	3.861	0.415	96.5	345 366	8 1092
1440	8.7	15 35.65	2.8856	0.0037	8 7 11.7	3.861	0.415	96.5	345 366	8 1093
1441	9.0	5 15 35.84	+2.9226	+0.0038	−6 31 27.3	+3.861	−0.420	95.1	226 346	6 1145
1442	9.0	15 38.84	2.8498	0.0036	9 38 40.0	3.856	0.409	95.6	222 378	9 1130
1443	8.9	15 40.06	2.9084	0.0038	7 8 27.1	3.855	0.418	96.9	359 368	7 1047
1444	8.3	15 43.69	2.9366	0.0039	5 55 22.5	3.849	0.422	96.5	341 364	5 1228
1445	9.0	15 46.42	2.9375	0.0039	5 53 10.5	3.846	0.422	97.0	364 375	5 1229
1446	8.8	5 15 51.51	+2.9229	+0.0038	−6 30 40.9	+3.838	−0.420	95.5	226 361	6 1146
1447	8.7	16 0.44	2.9236	0.0039	6 28 54.4	3.826	0.421	95.5	226 360	6 1147
1448	8.9	16 21.81	2.8792	0.0037	8 23 4.2	3.795	0.414	93.5	106 211	8 1096
1449	*7.8	16 24.09	2.9368	0.0038	5 54 37.5	3.792	0.422	94.1	3* 341	5 1231
1450	8.1	16 24.73	2.8980	0.0037	7 34 45.8	3.791	0.417	96.0	299 374	7 1049

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1451	8.5	$5^h\ 16^m\ 55^s.37$	$+2^s.8938$	$+0^s.0037$	− 7° 45′ 25″.1	+3″.747	−0″.416	94.6	217 303	7° 1051
1452	8.8	17 0.91	2.9163	0.0037	6 47 19.5	3.739	0.420	96.0	301 367	6 1153
1453	8.7	17 18.48	2.8985	0.0037	7 33 14.4	3.714	0.417	96.0	299 374	7 1052
1454	9.1	17 28.77	2.8603	0.0036	9 11 7.2	3.699	0.411	94.6	222 304	9 1137
1455[1]	7.4	17 31.18	2.8701	0.0036	8 45 47.2	3.695	0.413	95.5	219 361	8 1099
1456	8.8	5 17 32.65	+2.8796	+0.0037	− 8 21 28.3	+3.693	−0.414	93.6	106 212	8 1100
1457	9.4	17 39.28	2.9345	0.0038	6 0 15.1	3.684	0.422	96.5	346 367	6 1155
1458	8.9	17 45.78	2.8952	0.0037	7 41 25.9	3.675	0.416	94.6	217 303	7 1054
1459	8.6	18 4.21	2.8837	0.0037	8 10 57.7	3.648	0.414	95.1	219 345	8 1103
1460	8.7	18 6.53	2.9157	0.0037	6 48 47.0	3.645	0.420	94.6	226 301	6 1158
1461	8.2	5 18 15.77	+2.8832	+0.0037	− 8 12 2.9	+3.632	−0.414	95.1	219 345	8 1105
1462	8.4	18 29.85	2.8546	0.0035	9 25 12.4	3.611	0.411	94.6	222 304	9 1139
1463	*7.0	18 30.83	2.8760	0.0035	8 30 36.1	3.610	0.414	97.0	359 374*	8 1107^I
1464	*8.7	18 31.10	2.8759	0.0035	8 30 41.1	3.610	0.414	97.0	359 374*	8 1107^II
1465	8.8	18 46.04	2.9114	0.0036	6 59 30.4	3.588	0.420	96.0	303 368	7 1061
1466	8.9	5 18 54.71	+2.9129	+0.0036	− 6 55 40.3	+3.576	−0.420	95.6	226 375	6 1163
1467	8.4	18 55.63	2.8788	0.0036	8 22 59.6	3.574	0.415	96.9	360 366	8 1109
1468	8.8	18 57.65	2.8798	0.0036	8 20 27.0	3.572	0.415	95.0	106 366	8 1110
1469	8.8	19 2.25	2.9350	0.0037	5 58 39.1	3.565	0.423	96.0	301 341 364	6 1165
1470	*4.5	19 7.70	2.8901	0.0036	7 53 59.8	3.557	0.416	94.5	217 299*	7 1064
1471	8.8	5 19 8.53	+2.8388	+0.0035	−10 5 5.9	+3.556	−0.409	96.6	344 369	10 1175
1472	8.9	19 23.92	2.8424	0.0035	9 55 30.6	3.534	0.409	96.6	344 369	9 1143
1473	*8.0	19 24.81	2.9135	0.0036	6 54 2.9	3.533	0.420	94.1	10* 346	6 1166
1474	9.1	19 35.81	2.9288	0.0037	6 14 18.5	3.517	0.422	95.6	226 375	6 1167
1475[2]	9.0	19 55.45	2.8925	0.0036	7 47 36.0	3.489	0.417	97.1	374 378	7 1068
1476	9.0	5 20 3.17	+2.8566	+0.0035	− 9 19 15.9	+3.477	−0.412	95.5	222 361	9 1145
1477	8.8	20 17.67	2.8686	0.0035	8 48 50.2	3.457	0.414	93.6	106 219	8 1117
1478[3]	9.0	20 26.44	2.8398	0.0035	10 1 50.3	3.444	0.409	96.6	344 369	10 1179
1479	8.1	20 30.11	2.8926	0.0036	7 47 11.7	3.439	0.417	94.5	217 299	7 1071
1480	7.7	20 55.67	2.8489	0.0035	9 38 28.1	3.402	0.410	96.1	304 369	9 1150
1481	*7.7	5 21 1.66	+2.9238	+0.0037	− 6 27 1.0	+3.393	−0.422	93.6	10* 301	6 1175
1482	7.8	21 3.07	2.9324	0.0037	6 4 47.2	3.391	0.423	95.1	226 341	6 1176
1483	8.5	21 8.66	2.9097	0.0036	7 3 5.7	3.383	0.420	96.7 97.5	303a 367 395	7 1075
1484	8.5	21 17.49	2.8597	0.0034	9 10 56.3	3.371	0.412	95.5	222 360	9 1153
1485	9.3	21 23.93	2.9191	0.0035	6 38 51.3	3.361	0.421	96.0	301 364	6 1177
1486	9.3	5 21 34.45	+2.9026	+0.0035	− 7 21 11.0[4]	+3.346	−0.419	95.8	215 303 361 368	7 1076
1487	*8.2	21 50.33	2.9205	0.0035	6 35 3.3	3.323	0.421	94.1	3* 341	6 1180
1488	8.8	21 59.12	2.8524	0.0034	9 29 19.3	3.311	0.412	96.1	304 369	9 1155
1489	8.6	22 2.02	2.9197	0.0035	6 37 10.0	3.307	0.421	95.1	226 346	6 1181
1490	9.2	22 23.64	2.9304	0.0036	6 9 39.3	3.276	0.423	97.0	364 376	6 1184
1491	9.1	5 22 33.19	+2.9175	+0.0035	− 6 42 31.0	+3.262	−0.422	95.1	226 346	6 1185
1492	9.3	22 37.91	2.8775	0.0035	8 25 14.9	3.255	0.416	95.1	219 345	8 1125
1493	9.5	22 38.05	2.9104	0.0035	7 0 45.8	3.255	0.421	95.6	217 375	7 1081
1494	9.1	22 45.89	2.8390	0.0034	10 2 40.9	3.244	0.410	96.6	304 374	10 1193
1495	9.0	22 46.07	2.9116	0.0035	6 57 38.0	3.243	0.421	95.6	217 375	7 1083
1496[5]	9.0	5 22 50.72	+2.8686	+0.0034	− 8 47 39.9	+3.237	−0.415	93.5	106 211	8 1126
1497	8.4	22 54.88	2.8776	0.0035	8 24 41.0	3.231	0.416	95.1	212 345	8 1128
1498	9.0	22 58.19	2.9006	0.0035	7 26 0.4	3.226	0.419	94.5	215 299	7 1084
1499	9.1	23 10.44	2.8933	0.0035	7 44 35.4	3.208	0.418	96.0	303 367	7 1086
1500	8.8	23 47.14	2.8918	0.0035	7 48 14.7	3.155	0.418	96.0	299 367	7 1088

[1] Z. 219: Dpl.? maj., rötlich [2] Dpl. maj., seq.; com. $9^m.1$ [3] Dpl. seq., Z. 344: com. $9^m.2$ [4] 12″.4 9″.7 11″.1 10″.8
[5] Z. 211: Dpl. pr., maj.; com. $9^m.3$

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
1501	*9.2	5h 23m 48s.16	+2s.9219	+0s.0034	− 6° 31′ 1″.9	+3″.154	−0″.422	94.1	10* 341	6° 1191
1502[1]	7.8	23 54.84	2.8764	0.0034	8 27 30.5	3.144	0.416	95.1	219 345	8 1133
1503	9.0	24 6.35	2.8802	0.0034	8 17 41.3	3.128	0.416	97.3	366 375 381 395	8 1134
1504	*8.4	24 14.07	2.9172	0.0034	6 42 57.3	3.117	0.422	93.6	3* 301	6 1192
1505	*8.0	24 15.11	2.9369	0.0035	5 52 18.9	3.115	0.424	93.6	1* 301	5 1269
1506	9.0	5 24 16.69	+2.8904	+0.0034	− 7 51 30.6	+3.113	−0.418	94.5	215 299	7 1089
1507	*9.2	24 31.69	2.8955	0.0034	7 38 25.6	3.091	0.418	97.1	374* 376	7 1091
1508	7.3	24 34.99	2.9025	0.0034	7 20 27.3	3.086	0.420	95.5	217 360	7 1092
1509	*9.2	24 51.82	2.8954	0.0034	7 38 41.4	3.062	0.418	96.4 96.0	303 367 374*a	7 1093
1510	8.9	24 59.52	2.8936	0.0034	7 43 20.1	3.051	0.418	97.0	361 368 376	7 1096
1511	8.4	5 25 5.46	+2.8394	+0.0033	−10 0 43.6	+3.043	−0.411	94.6	222 304	10 1202
1512	9.0	25 13.39	2.9342	0.0035	5 59 9.0	3.031	0.424	95.1	226 346	6 1197
1513	7.7	25 22.88	2.9324	0.0035	6 3 57.3	3.017	0.424	95.1	226 341	6 1200
1514	9.1	25 25.18	2.8706	0.0033	8 41 51.0	3.014	0.415	95.6	106 219 381 395	8 1142
1515	6.8	25 30.77	2.8984	0.0034	7 30 45.3	3.006	0.419	96.0	215 361 375	7 1099
1516	8.8	5 25 33.38	+2.8459	+0.0033	− 9 44 11.8	+3.002	−0.412	94.6	222 304	9 1165
1517	8.8	25 33.48	2.9271	0.0035	6 17 11.7	3.002	0.423	94.6	226 301	6 1202
1518	*8.3	26 7.27	2.9275	0.0035	6 16 3.6	2.953	0.423	93.6	3* 301	6 1204
1519	*6.3	26 29.22	2.9155	0.0033	6 47 0.9	2.922	0.422	94.1	1* 341	6 1207
1520	9.3	26 37.18	2.8764	0.0033	8 26 25.0	2.910	0.416	95.1	106 219 395	8 1151
1521	7.9	5 26 50.56	+2.9074	+0.0033	− 7 7 24.8	+2.891	−0.420	94.5	215 299	7 1103
1522	9.1	27 1.95	2.8917	0.0033	7 47 24.8	2.874	0.418	94.6	217 303	7 1105
1523	6.0	27 5.56	2.9015	0.0033	7 22 31.3	2.869	0.419	96.9	360 368	7 1106
1524	9.3	27 9.19	2.8892	0.0033	7 53 45.3	2.864	0.417	97.0	368 375	7 1107
1525	*8.3	27 15.38	2.9154	0.0033	6 46 54.4	2.855	0.422	94.1	10* 341	6 1209
1526	8.7	5 27 17.37	+2.8377	+0.0032	−10 4 13.9	+2.852	−0.411	94.6	222 304	10 1210
1527	8.4	27 26.53	2.9228	0.0034	6 27 56.0	2.839	0.423	95.1	226 346	6 1212
1528	8.9	27 33.82	2.9250	0.0034	6 22 2.6	2.828	0 424	95.6 00.4	226a 376 411δ 414δ	6 1214
1529	9.0	27 44.84	2.9320	0.0034	6 4 0.7	2.813	0.425	96.0	301 367	6 1215
1530	9.0	27 48.02	2.9113	0.0033	6 57 7.1	2.808	0.422	97.0	361 367 378	6 1216
1531	9.0	5 27 58.71	+2.8937	+0.0033	− 7 42 6.7	+2.793	−0.419	94.6	217 303	7 1114
1532	9.1	27 59.53	2.9204	0.0033	6 33 58.1	2.791	0.423	96.5	346 364	6 1218
1533	8.9	27 59.88	2.9201	0.0033	6 34 39.5	2.791	0.423	96.5	346 364	6 1217
1534	8.7	28 26.94	2.8947	0.0033	7 39 28.6	2.752	0.419	94.5	215 299	7 1115
1535	*8.7	28 34.06	2.9194	0.0033	6 36 10.5	2.741	0.423	94.1	1* 346	6 1224
1536	8.8	5 28 41.63	+2.8520	+0.0032	− 9 27 46.5	+2.731	−0.414	94.6	222 304	9 1175
1537	8.9	28 44.38	2.9229	0.0033	6 27 4.6	2.727	0.424	95.6	226 378	6 1225
1538	*9.3	29 0.24	2.9175	0.0032	6 41 5.9	2.704	0.423	94.1	10* 341	6 1226
1539	8.8	29 7.15	2.8602	0.0031	9 7 1.5	2.694	0.415	96.9	360 369	9 1176
1540	*6.6	29 11.59	2.9080	0.0032	7 5 29.3	2.687	0.422	96.0	299 368*	7 1119
1541	*8.4	5 29 14.16	+2.9123	+0.0032	− 6 54 25.0	+2.684	−0.422	93.6	3* 301	6 1227
1542	9.0	29 34.54	2.8992	0.0032	7 27 26.6	2.654	0.420	96.0	303 368	7 1122
1543	8.6	29 36.76	2.8361	0.0031	10 7 25.9	2.651	0.411	96.6	344 369	10 1221
1544	8.2	29 41.45	2.8800	0.0032	8 16 27.8	2.644	0.417	95.1	212 345	8 1167
1545	8.7	29 55.84	2.9317	0.0033	6 4 24.2	2.623	0.425	95.6	232 376	6 1231
1546	6.9	5 29 57.45	+2.9037	+0.0032	− 7 16 2.0	+2.621	−0.421	95.5	217 360	7 1124
1547	8.7	30 7.18	2.8395	0.0031	9 58 39.6	2.607	0.412	96.6	344 369	10 1228
1548	*6.0	30 7.71	2.9316	0.0033	6 4 33.2	2.606	0.425	95.2	232 346*	6 1233
1549	8.6	30 8.47	2.8855	0.0032	8 2 25.6	2.605	0.418	95.5	211 375	8 1168
1550	*5.5	30 9.35	2.9318	0.0033	6 4 7.1	2.604	0.425	95.2	232 346*	6 1234

[1] Z. 345: 9m.5 nahe.

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
1551	9.0	5h 30m 14s.06	+2s.9349	+0s.0033	−5° 56′ 5″.5	+2″.597	−0″.425	97.0	364 376	5° 1312
1552	8.7	30 16.07	2.9187	0.0032	6 37 48.1	2.594	0.423	96.1	301 374	6 1238
1553	8.3	30 17.56	2.9335	0.0033	5 59 35.6	2.592	0.425	96.5	341 364	6 1237
1554	8.5	30 20.28	2.9359	0.0033	5 53 33.6	2.588	0.425	97.1	378 381	5 1314
1555	7.9	30 22.52	2.9311	0.0033	6 5 54.8	2.585	0.425	97.0	367 375	6 1240
1556	8.8	5 30 29.60	+2.8783	+0.0032	−8 20 49.9	+2.574	−0.417	95.1	219 345	8 1170
1557	**3.1**	**30 32.43**	**2.9339**	**0.0033**	**5 58 31.6**	**2.570**	**0.425**		**Fund. Cat.**	**6 1241**
1558	8.1	30 39.75	2.8695	0.0031	8 42 39.3	2.560	0.416	97.5	366 395	8 1171
1559	9.1	30 41.71	2.9298	0.0033	6 8 54.7	2.557	0.425	97.0	367 378	6 1242
1560	9.0	30 50.44	2.8995	0.0032	7 26 33.0	2.544	0.420	96.0	303 368	7 1130
1561	8.9	5 30 52.94	+2.9315	+0.0033	−6 4 35.5	+2.541	−0.425	97.0	367 375	6 1245
1562	8.3	31 6.56	2.9254	0.0032	6 20 21.2	2.521	0.424	96.1	301 374	6 1247
1563	7.6	31 16.22	2.8990	0.0031	7 27 37.9	2.507	0.420	96.0	303 368	7 1131
1564	8.8	31 35.51	2.9372	0.0032	5 49 57.4	2.479	0.426	96.5	346 364	5 1336
1565	8.1	31 38.71	2.9211	0.0031	6 31 0.4	2.475	0.423	97.1	374 378	6 1254
1566[1]	*7.5	5 31 42.57	+2.9303	+0.0032	−6 7 39.5	+2.469	−0.425	94.1	3* 341	6 1255
1567	8.6	31 44.04	2.8381	0.0031	10 1 34.1	2.467	0.412	95.1	222 344	10 1234
1568	8.6	31 54.27	2.9063	0.0031	7 8 55.4	2.452	0.421	96.1	215 395	7 1132
1569	9.3	31 55.43	2.9001	0.0031	7 24 51.8	2.450	0.420	94.6	217 303	7 1134
1570	*9.2	32 3.29	2.9348	0.0032	5 56 6.1	2.439	0.425	94.6	232 301*	5 1339
1571	9.1	5 32 6.26	+2.9282	+0.0032	−6 12 58.6	+2.435	−0.424	97.1	374 378	6 1257
1572	8.5	32 25.19	2.8723	0.0030	8 35 15.6	2.407	0.416	93.6	106 219	8 1178
1573	8.7	32 25.29	2.8728	0.0030	8 34 0.6	2.407	0.416	93.6	106 219	8 1177
1574	*7.5	32 33.88	2.9332	0.0032	5 59 56.8	2.395	0.426	94.5	1* 360	6 1262
1575	9.3	32 44.99	2.8553	0.0030	9 17 59.0	2.379	0.414	95.1	224 344	9 1193
1576	8.2	5 32 49.10	+2.8800	+0.0031	−8 15 38.8	+2.373	−0.418	95.1	212 345	8 1180
1577	8.8	32 55.50	2.9151	0.0031	6 46 5.7	2.363	0.423	97.1	346 367 395	6 1264
1578	8.6	32 59.31	2.9148	0.0031	6 46 54.4	2.358	0.423	97.5	367 395	6 1267
1579	8.6	33 9.43	2.9226	0.0031	6 27 8.8	2.343	0.424	95.6	232 375	6 1269
1580	9.2	33 18.53	2.8906	0.0031	7 48 45.6	2.330	0.420	95.6	217 378	7 1139
1581	8.8	5 33 26.61	+2.9287	+0.0031	−6 11 29.7	+2.318	−0.425	96.0	301 364	6 1271
1582	*8.7	33 41.86	2.9279	0.0031	6 13 18.3	2.296	0.425	92.6	3* 110	6 1274
1583	9.1	33 44.38	2.8989	0.0031	7 27 31.3	2.293	0.421	96.0	299 368	7 1141
1584	7.2	33 46.02	2.9183	0.0030	6 37 53.8	2.290	0.423	96.9	360 367	6 1275
1585	7.5	33 52.24	2.8735	0.0030	8 31 42.8	2.281	0.417	97.0	366 375	8 1183
1586	*5.8	5 34 2.70	+2.9033	+0.0030	−7 16 7.4	+2.266	−0.421	94.5	215 299*	7 1142
1587	8.9	34 8.78	2.9201	0.0030	6 33 14.8	2.257	0.424	95.1	232 341	6 1277
1588	9.0	34 9.32	2.9297	0.0031	6 8 38.2	2.256	0.425	96.1	301 381	6 1278
1589	8.4	34 11.96	2.9342	0.0031	5 57 13.2	2.253	0.426	97.0	364 378	5 1353
1590	9.3	34 14.03	2.8659	0.0030	8 51 8.1	2.250	0.416	95.1	219 345	8 1185
1591	9.0	5 34 22.54	+2.8658	+0.0030	−8 51 19.0	+2.237	−0.416	95.1	219 345	8 1187
1592	6.5	34 46.26	2.8441	0.0029	9 45 42.9	2.203	0.414	94.6	222 304	9 1197
1593	9.5	34 52.69	2.9188	0.0030	6 36 27.6	2.194	0.424	95.2	232 346	6 1280
1594	*9.0	35 5.28	2.9136	0.0030	6 49 48.6[2]	2.175	0.423	94.1 96.8	1* 341 4148	6 1281
1595	9.0	35 17.58	2.8390	0.0029	9 58 32.0	2.157	0.413	95.1	222 344	10 1252
1596	8.1	5 35 43.03	+2.8926	+0.0030	−7 42 46.3	+2.121	−0.420	94.5	215 299	7 1148
1597	9.4	35 51.14	2.8564	0.0029	9 14 27.8	2.109	0.415	96.6	344 374	9 1201
1598	9.6	36 7.11	2.8709	0.0029	8 37 50.6	2.086	0.417	95.0	106 368	8 1196
1599	8.2	36 11.91	2.8834	0.0030	8 6 22.0	2.079	0.419	95.1	211 345	8 1197
1600	8.7	36 12.92	2.8419	0.0028	9 50 58.7	2.077	0.413	94.6	224 304	9 1203

[1] Dpl. maj., com. 9m.5 [2] 47″.9 50″.7 47″.1

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1601	9.6	$5^h\ 36^m\ 27^s.26$	$+2^s.8973$	$+0^s.0029$	$-7°\ 30'\ 59''.8$	$+2''.056$	$-0''.421$	97.0	367 378	7° 1150
1602	8.3	36 31.30	2.9097	0.0029	6 59 11.4	2.051	0.423	94.6	215 303	7 1151
1603	*9.1	36 36.13	2.9136	0.0030	6 49 11.2	2.044	0.424	92.6	3* 110	6 1286
1604	*8.7	36 51.01	2.8491	0.0028	9 32 35.6[1]	2.022	0.414	95.4	222* 304 375	9 1204
1605	8.9	37 33.09	2.8814	0.0029	8 10 56.3	1.961	0.419	93.6	106 219	8 1199
1606	8.0	5 37 39.95	+2.8468	+0.0028	−9 38 13.7	+1.951	−0.414	94.6	222 304	9 1210
1607	8.7	37 51.23	2.9003	0.0029	7 23 7.4	1.935	0.422	95.1	215 346	7 1153
1608	*6.7	38 2.50	2.9130	0.0029	6 50 43.5	1.918	0.424	92.4	1* 3* 110	6 1293
1609	8.3	38 8.68	2.8969	0.0029	7 31 32.6	1.909	0.421	94.7	217 299 303	7 1155
1610	9.0	38 11.53	2.9363	0.0029	5 51 16.3	1.905	0.427	94.6	232 301	5 1369
1611	9.3	5 38 28.97	+2.8735	+0.0028	−8 30 59.4	+1.880	−0.418	96.6	345 374	8 1203
1612	8.7	38 38.08	2.8872	0.0029	7 56 2.4	1.867	0.420	94.6	215 303	7 1156
1613	8.9	38 43.24	2.9013	0.0029	7 20 17.1	1.859	0.422	95.1	217 346	7 1158
1614	7.8	38 52.98	2.8623	0.0028	8 59 1.1	1.845	0.416	94.6	224 304	9 1213
1615	8.8	39 10.98	2.9145	0.0028	6 46 40.9	1.819	0.424	94.6	232 301	6 1297
1616	9.0	5 39 25.51	+2.8503	+0.0028	−9 29 10.1	+1.798	−0.415	95.8	224 344 381	9 1216
1617	*8.8	39 27.79	2.9141	0.0028	6 47 48.4	1.794	0.424	92.6	6* 110	6 1301
1618	9.1	39 27.91	2.8970	0.0028	7 31 15.8	1.794	0.421	96.0	303 367	7 1160
1619	7.3	39 33.35	2.8365	0.0027	10 3 23.5	1.786	0.413	94.6	222 304	10 1271
1620	9.0	39 37.41	2.9003	0.0028	7 22 30.3	1.780	0.422	95.1	217 346	7 1161
1621	*7.3	5 39 41.81	+2.9114	+0.0028	−6 54 28.1	+1.774	−0.423	94.7	3* 301 368	6 1302
1622	8.3	39 43.75	2.8906	0.0028	7 47 11.0	1.771	0.421	94.5	215 299	7 1162
1623	8.9	40 21.15	2.8621	0.0028	8 59 15.6	1.717	0.416	95.1	222 344	9 1221
1624	8.7	40 30.31	2.8375	0.0027	10 0 55.4	1.704	0.413	96.1	224 375 378	10 1272
1625	9.2	41 1.88	2.8607	0.0028	9 2 37.1	1.658	0.416	96.6	344 369	9 1222
1626	9.3	5 41 13.74	+2.9066	+0.0028	−7 6 33.2	+1.641	−0.423	94.6	217 303	7 1166
1627	*9.5	41 16.82	2.9285	0.0027	6 10 40.0	1.636	0.426	93.6	1* 301	6 1308
1628	8.8	41 24.97	2.9350	0.0027	5 54 0.1	1.624	0.427	93.7	110 232	5 1389
1629	8.8	41 29.42	2.8761	0.0027	8 23 39.1	1.618	0.418	95.1	219 345	8 1212
1630	7.9	41 41.71	2.9095	0.0027	6 58 58.4	1.600	0.423	94.5	215 299	7 1167
1631	8.8	5 41 51.33	+2.8648	+0.0027	−8 52 1.8	+1.586	−0.417	93.6	106 219	8 1213
1632	8.1	42 13.35	2.8407	0.0026	9 52 33.6	1.554	0.413	96.1	304 369	9 1231
1633	9.2	42 14.89	2.8882	0.0027	7 52 59.9	1.552	0.420	97.0	368 375	7 1170
1634	9.0	42 32.99	2.9230	0.0027	6 24 37.3	1.525	0.425	94.6	232 301	6 1311
1635	8.8	42 37.50	2.8675	0.0027	8 45 6.9	1.519	0.417	97.1	378 381	8 1215
1636	8.9	5 42 52.71	+2.8992	+0.0027	−7 24 47.0	+1.497	−0.422	94.5	215 299	7 1172
1637	7.6	42 54.60	2.9215	0.0027	6 28 14.4	1.494	0.425	93.6	3 301	6 1313
1638	8.2	43 0.41	2.8482	0.0026	9 33 24.4	1.485	0.414	94.6	222 304	9 1234
1639	**2.6**	**43 0.78**	**2.8447**	**0.0027**	**9 42 18.2**	**1.485**	**0.414**		**Fund. Cat.**	**9 1235**
1640	8.4	43 11.82	2.8768	0.0027	8 21 38.2	1.469	0.419	96.5	345 366	8 1218
1641	8.6	5 43 13.50	+2.9288	+0.0027	−6 9 50.6	+1.466	−0.426	96.5	341 367	6 1314
1642	7.7	43 22.77	2.8754	0.0027	8 25 6.4	1.453	0.418	96.5	345 366	8 1219
1643	8.4	43 28.68	2.9166	0.0027	6 40 48.6	1.444	0.424	96.5	346 367	6 1317
1644	9.3	43 35.52	2.9039	0.0027	7 12 47.7	1.434	0.422	95.6	217 375	7 1173
1645	8.6	43 42.38	2.9358	0.0027	5 51 47.3	1.424	0.427	96.5	346 368	5 1406
1646	8.3	5 43 53.07	+2.8625	+0.0026	−8 57 36.1	+1.409	−0.416	95.6	219 378	8 1223
1647	8.7	43 54.85	2.8402	0.0026	9 53 37.1	1.406	0.413	96.6	344 374	9 1240
1648[2]	9.1	44 10.17	2.8437	0.0026	9 44 51.4	1.384	0.414	95.1	224 344	9 1242
1649	8.8	44 11.53	2.8445	0.0026	9 42 52.1	1.382	0.414	96.1	304 369	9 1243
1650	8.9	44 18.18	2.8749	0.0026	8 26 15.5	1.372	0.418	96.5	345 366	8 1225

[1] 34".4 36".9 35".5 [2] $9^m.3$ seq. 2^s, parall.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1651	8.8	5h 44m 30s.77	+2s.8516	+0s.0026	−9° 24′ 37″.8	+1″.354	−0″.415	96.4	304 369 378	9° 1244
1652	*9.2	44 35.20	2.9178	0.0026	6 37 25.4[1]	1.348	0.425	94.7	3* 301 368	6 1322
1653	*9.1	44 39.78	2.9274	0.0026	6 13 5.5	1.341	0.426	94.1	1* 341	6 1323
1654	8.7	44 39.85	2.9085	0.0026	7 1 6.3	1.341	0.423	94.5	215 299	7 1182
1655	8.8	44 58.61	2.8428	0.0026	9 46 46.0	1.313	0.414	95.1	222 344	9 1245
1656	*8.8	5 45 9.80	+2.9342	+0.0026	−5 55 38.7	+1.297	−0.428	92.6	6* 110	5 1417
1657	8.4	45 42.52	2.8443	0.0025	9 42 49.7	1.250	0.415	95.6	222 378	9 1251
1658	8.9	45 43.66	2.8611	0.0026	9 0 49.2	1.248	0.417	95.6	224 375	9 1249
1659	9.1	46 1.81	2.9264	0.0026	6 15 20.2	1.221	0.427	94.6	232 301	6 1332
1660	8.9	46 6.17	2.8647	0.0026	8 51 48.9	1.215	0.418	93.4	99 106 219	8 1232
1661	*6.0	5 46 32.23	+2.8959	+0.0025	−7 32 42.0	+1.177	−0.422	94.5	215 299*	7 1187
1662	8.9	46 41.91	2.8363	0.0025	10 2 41.2	1.163	0.414	96.1	304 369	10 1300
1663	*8.8	46 45.52	2.9167	0.0025	6 40 0.7	1.158	0.425	93.4	1* 3* 346	6 1334
1664	*8.8	46 54.40	2.9128	0.0025	6 49 56.1	1.145	0.425	94.6	6* 375	6 1335
1665	8.6	46 54.96	2.8864	0.0025	7 56 50.4	1.144	0.421	94.6	217 303	7 1190
1666	8.2	5 47 7.02	+2.9008	+0.0025	−7 20 8.0	+1.127	−0.423	94.5	215 299	7 1192
1667	9.2	47 12.40	2.8348	0.0025	10 6 37.1	1.119	0.414	96.6	344 369	10 1305
1668	7.4	47 17.78	2.8413	0.0025	9 50 16.3	1.111	0.414	95.1	222 345	9 1254
1669	6.2	47 21.65	2.8597	0.0025	9 4 4.0	1.105	0.417	94.6	224 304	9 1255
1670	9.1	47 22.11	2.9119	0.0025	6 52 22.0	1.105	0.425	93.7	110 232	6 1337
1671	8.9	5 47 31.18	+2.8993	+0.0025	−7 24 3.7	+1.091	−0.423	94.6	215 303	7 1194
1672	8.2	47 35.42	2.8616	0.0025	8 59 11.1	1.085	0.417	95.1	224 345	9 1257
1673	8.9	47 48.11	2.8850	0.0025	8 0 20.5	1.067	0.421	93.6	99 219	8 1240
1674	8.7	47 56.61	2.8768	0.0025	8 21 3.6	1.054	0.420	93.6	106 212	8 1241
1675	8.5	48 34.35	2.8819	0.0025	8 8 1.6	0.999	0.420	93.5	99 211	8 1243
1676	9.2	5 48 38.42	+2.9221	+0.0025	−6 26 7.1	+0.994	−0.426	94.6	232 301	6 1343
1677	8.2	48 42.02	2.9255	0.0025	6 17 28.0	0.988	0.427	95.2	232 346	6 1344
1678	8.9	48 50.12	2.8487	0.0024	9 31 27.8	0.976	0.415	95.8	224 344 381	9 1259
1679	*9.1	48 50.63	2.9186	0.0024	6 34 57.1	0.976	0.426	95.0	3* 346 368	6 1345
1680	9.1	49 0.18	2.9077	0.0024	7 2 50.1	0.962	0.424	94.6	215 303	7 1208
1681	*8.8	5 49 11.82	+2.9141	+0.0024	−6 46 23.1	+0.945	−0.425	92.6	6* 110	6 1347
1682	*8.8	49 20.47	2.9224	0.0024	6 25 26.8	0.932	0.426	93.6	1* 301	6 1348
1683	7.0	49 41.66	2.8748	0.0024	8 25 51.6	0.901	0.420	93.6	99 219	8 1250
1684	9.1	49 54.53	2.8993	0.0024	7 23 46.8	0.883	0.423	94.5	217 299	7 1210
1685	9.1	49 59.14	2.8956	0.0024	7 33 7.7	0.876	0.422	95.1	217 345	7 1211
1686	7.8	5 50 8.30	+2.8564	+0.0024	−9 11 56.2	+0.863	−0.416	94.6	222 304	9 1262
1687	*7.5	50 22.93	2.8413	0.0024	9 49 42.1	0.841	0.415	94.6	222 304*	9 1264
1688	*8.8	50 45.62	2.8399	0.0024	9 53 7.7	0.808	0.414	94.6	222 304*	9 1266
1689	7.5	50 46.05	2.8924	0.0024	7 41 15.6	0.808	0.422	94.6	215 303	7 1220
1690	8.6	50 48.12	2.8654	0.0024	8 49 22.2	0.805	0.418	93.6	106 219	8 1253
1691	8.7	5 50 48.39	+2.8973	+0.0024	−7 28 57.1	+0.804	−0.423	96.7	345 367 368	7 1221
1692	9.0	50 50.17	2.8620	0.0024	8 57 58.1	0.802	0.417	95.6	219 375	8 1254
1693	8.4	50 57.68	2.8933	0.0024	7 39 6.7	0.791	0.422	94.6	215 303	7 1222
1694	9.0	50 59.25	2.8387	0.0024	9 56 6.1	0.788	0.414	95.1	224 344	9 1267
1695	9.0	51 2.69	2.8671	0.0024	8 44 53.2	0.783	0.418	95.0	99 366	8 1256
1696	8.9	5 51 6.05	+2.8513	+0.0024	−9 24 37.5	+0.778	−0.416	97.1	369 378	9 1268
1697	8.9	51 19.67	2.8344	0.0023	10 7 4.8	0.759	0.414	97.0	369 375	10 1319
1698	*9.5	51 20.96	2.9137	0.0023	6 47 29.7	0.757	0.425	94.1	3* 110 374	6 1351
1699	*9.0	51 27.54	2.9343	0.0023	5 54 53.3	0.747	0.428	93.6	1* 301	5 1441
1700	8.9	51 32.03	2.8391	0.0023	9 55 13.5	0.741	0.414	95.1	224 344	9 1270

[1] 23″.4 26″.3 26″.4

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1701	8.9	5h 51m 34s.27	+2s.8554	+0s.0023	− 9° 14′ 21″.1	+0″.737	−0″.416	97.1	378 381	9° 1271
1702	9.0	51 45.31	2.8934	0.0023	7 38 45.4	0.721	0.422	94.6	217 303	7 1227
1703	9.0	51 47.88	2.8863	0.0023	7 56 46.0	0.717	0.421	96.5	346 368	7 1228
1704	8.7	52 3.59	2.8532	0.0023	9 19 40.8	0.695	0.416	94.6	222 304	9 1274
1705	*6.7	52 7.12	2.8755	0.0023	8 23 51.6	0.689	0.419	96.5	345 366*	8 1265
1706	8.9	5 52 9.69	+2.8669	+0.0023	− 8 45 34.5	+0.686	−0.418	93.5	99 212	8 1266
1707	8.5	52 16.93	2.9275	0.0023	6 12 22.3	0.675	0.427	94.6	232 301	6 1354
1708	9.0	52 27.01	2.8745	0.0023	8 26 27.2	0.660	0.419	94.8	106 219 381	8 1267
1709	7.3	52 48.27	2.9297	0.0023	6 6 23.5	0.629	0.428	95.2	232 346	6 1359
1710[1]	...	52 54.38	2.8929	0.0023	7 39 58.9	0.620	0.422	95.6	215 375	7 1232
1711	8.7	5 53 1.48	+2.8996	+0.0023	− 7 22 54.7	+0.610	−0.423	94.6	217 303	7 1234
1712	9.0	53 3.97	2.9209	0.0023	6 29 3.0	0.606	0.426	94.6	232 301	6 1360
1713	*9.3	53 31.66	2.9119	0.0023	6 51 48.4	0.566	0.425	92.4	1* 3* 110	6 1363
1714	8.2	54 13.18	2.8636	0.0022	8 53 35.7	0.506	0.417	93.5	99 211	8 1275
1715	*6.5	54 15.75	2.8517	0.0022	9 23 27.2	0.502	0.416	95.1	222 344*	9 1284
1716	5.5	5 54 19.42	+2.8475	+0.0022	− 9 33 54.0	+0.497	−0.415	95.6	224 375	9 1285
1717	8.7	54 19.99	2.8930	0.0022	7 39 27.3	0.496	0.422	94.5	215 299	7 1241
1718	8.8	54 39.43	2.8422	0.0022	9 47 12.0	0.467	0.415	95.1	224 344	9 1286
1719	8.9	54 40.57	2.9021	0.0022	7 16 33.9	0.466	0.423	95.1	217 347	7 1243
1720	8.9	54 44.61	2.8421	0.0022	9 47 35.6	0.460	0.415	95.1	224 344	9 1287
1721	8.3	5 54 51.84	+2.8836	+0.0022	− 8 3 7.8	+0.449	−0.421	93.4	99 106 219	8 1276
1722	*7.3	54 56.44	2.9180	0.0022	6 36 13.1	0.443	0.426	95.5 95.1	6* 346a 395	6 1372
1723	8.5	55 9.23	2.8434	0.0022	9 44 19.8	0.424	0.415	95.6	222 375	9 1291
1724	7.0	55 12.91	2.8822	0.0022	8 6 48.1	0.419	0.421	93.4	99 106 219	8 1278
1725	9.0	55 34.64	2.9094	0.0022	6 58 2.8	0.387	0.424	96.5	346 364	6 1375
1726	8.7	5 55 37.61	+2.8945	+0.0022	− 7 35 40.1	+0.383	−0.422	94.5	215 299	7 1246
1727	7.5	55 41.33	2.8973	0.0022	7 28 25.8	0.377	0.423	94.6	217 378	7 1248
1728	9.1	55 47.15	2.8403	0.0022	9 51 41.5	0.369	0.414	96.6	344 381	9 1294
1729	8.8	55 47.68	2.8897	0.0022	7 47 40.0	0.368	0.422	97.0	367 375	7 1249
1730	8.7	55 58.02	2.8362	0.0022	10 1 53.1	0.353	0.414	94.6	231 304	10 1341
1731	9.1	5 56 14.16	+2.8446	+0.0022	− 9 41 4.0	+0.329	−0.415	94.6	224 308	9 1299
1732	8.9	56 18.67	2.8354	0.0021	10 3 58.5[2]	0.323	0.414	94.6	222 304	10 1344
1733	9.2	56 18.73	2.9273	0.0021	6 12 41.5	0.323	0.427	97.1	374 378	6 1378
1734	9.0	56 32.66	2.9057	0.0021	7 7 17.1	0.302	0.424	96.0	303 367	7 1253
1735	9.4	56 35.52	2.8906	0.0021	7 45 30.9	0.298	0.422	96.6	347 367	7 1254
1736	9.3	5 56 39.42	+2.8337	+0.0021	−10 8 10.7	+0.292	−0.413	94.7	230 305	10 1347
1737	9.1	57 10.45	2.8871	0.0021	7 54 17.4	0.247	0.421	94.5	215 299	7 1256
1738	*8.9	57 13.18	2.9129	0.0021	6 49 0.5[3]	0.243	0.425	94.3	3* 110 301 368	6 1381
1739	9.1	57 18.71	2.9270	0.0021	6 13 18.5	0.235	0.427	95.2	232 346	6 1382
1740	7.6	57 20.58	2.9017	0.0021	7 17 23.9	0.232	0.423	94.6	217 310	7 1257
1741	9.2	5 57 22.73	+2.8697	+0.0021	− 8 38 18.3	+0.229	−0.418	96.5	344 366	8 1288
1742	9.1	57 29.62	2.8567	0.0021	9 10 39.4	0.219	0.416	94.7	231 308	9 1303
1743	9.0	57 30.07	2.8707	0.0021	8 35 41.3	0.219	0.419	94.8	106 219 375	8 1290
1744	*8.9	57 34.36	2.9135	0.0021	6 47 25.4[4]	0.212	0.425	93.1	3* 6* 110 301	6 1384
1745	9.2	57 53.40	2.8464	0.0021	9 36 35.0	0.185	0.415	94.6	224 305	9 1307
1746	9.0	5 58 13.68	+2.9182	+0.0021	− 6 35 36.5	+0.155	−0.426	96.0	301 364	6 1386
1747	9.1	58 21.98	2.8898	0.0021	7 47 30.7	0.143	0.422	94.6	217 310	7 1261
1748	9.4	58 22.80	2.8550	0.0021	9 15 2.0	0.142	0.416	96.1	308 369	9 1312
1749	8.8	58 23.80	2.9076	0.0021	7 2 26.5	0.140	0.424	95.4	215 303 368	7 1262
1750	9.1	58 26.31	2.8894	0.0021	7 48 29.0	0.137	0.422	96.4 97.2	217a 378 381 383	7 1264

[1] Dpl. med. (8m.6 8m.9) [2] 57″.0 (½) 59″.2 [3] 58″.7 1″.9 0″.6 0″.7 [4] 23″.9 24″.8 26″.9 26″.0

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1751	8.2	5^{h} 58^{m} $34^{s}.45$	$+2^{s}.9229$	$+0^{s}.0021$	−6° 23′ 33″.4	+0″.125	−0″.426	93.7	111 232	6° 1387
1752	8.5	59 7.25	2.9331	0.0020	5 57 39.0	0.077	0.428	97.0	367 375	5 1487
1753	9.1	59 11.03	2.9147	0.0020	6 44 32.7	0.071	0.425	95.2	232 346	6 1390
1754	9.2	59 17.62	2.8465	0.0020	9 36 10.3	0.062	0.415	95.1	224 305 344	9 1317
1755	5.7	59 21.94	2.9156	0.0020	6 42 16.2	0.056	0.425	96.5	346 364	6 1391
1756	8.5	5 59 23.07	+2.9166	+0.0020	−6 39 48.2	+0.054	−0.425	95.0	110 364	6 1393
1757	8.8	59 25.03	2.8679	0.0020	8 42 48.7	0.051	0.418	93.5 99.1	99 212a 411δ 414δ	8 1303
1758	8.9	59 34.21	2.9313	0.0020	6 2 26.5	0.038	0.428	96.0	301 367	6 1395
1759	9.1	59 37.29	2.8484	0.0020	9 31 29.4	0.033	0.415	94.6	222 304	9 1319
1760	9.2	59 39.42	2.9241	0.0020	6 20 29.3	0.030	0.427	95.1	111 374	6 1397
1761	9.2	5 59 42.32	+2.8897	+0.0020	−7 47 47.7	+0.026	−0.422	96.1	310 368	7 1270
1762	8.8	59 50.42	2.8359	0.0020	10 2 41.7	+0.014	0.414	94.6	230 304	10 1361
1763	9.3	59 58.79	2.8917	0.0020	7 42 41.5	+0.002	0.422	96.7	347 381	7 1273
1764	*8.5	6 0 8.84	2.9299	0.0020	6 6 1.0	−0.013	0.428	95.4	3* 375 381	6 1400
1765	8.9	0 12.68	2.8864	0.0020	7 55 56.0	−0.019	0.421	94.5	215 299	7 1274
1766	8.7	6 0 13.15	+2.8962	+0.0020	−7 31 19.9	−0.019	−0.422	96.1 98.1	303 380 413δ	7 1275
1767	8.5	0 21.34	2.8844	0.0020	8 0 56.2	0.031	0.421	93.6	106 219	8 1310
1768	8.1	0 25.46	2.8542	0.0020	9 17 1.4	0.037	0.416	94.6	221 308	9 1321
1769	8.8	0 33.38	2.8624	0.0020	8 56 33.1	0.049	0.417	93.6	99 219	8 1312
1770	9.1	0 46.36	2.9311	0.0020	6 2 47.4	0.068	0.428	96.0	301 364	6 1402
1771	9.1	6 0 47.47	+2.9177	+0.0020	−6 37 0.1	−0.069	−0.426	95.2	232 346	6 1403
1772	8.5	0 49.32	2.9298	0.0020	6 6 11.3	0.072	0.428	97.0	367 375	6 1404
1773	8.8	0 55.85	2.9242	0.0020	6 20 11.8	0.081	0.427	95.1	111 374	6 1405
1774	8.6	1 6.04	2.9175	0.0019	6 37 18.9	0.096	0.426	93.7	110 232	6 1407
1775	7.0	1 8.58	2.9352	0.0019	5 52 15.9	0.100	0.428	97.1	374 378	5 1499
1776	8.9	6 1 14.14	+2.8528	+0.0020	−9 20 32.4	−0.108	−0.416	94.6	224 305	9 1326
1777	8.0	1 14.34	2.9013	0.0019	7 18 25.5	0.108	0.423	94.5	217 299	7 1278
1778	7.6	1 16.29	2.8940	0.0019	7 36 47.8	0.111	0.422	96.4	303 368 380	7 1279
1779	8.7	1 19.53	2.9066	0.0019	7 4 54.2	0.116	0.424	96.1	303 380	7 1280
1780	8.7	1 25.82	2.8642	0.0019	8 52 3.0	0.125	0.418	93.6	99 219	8 1317
1781	7.9	6 1 32.51	+2.8767	+0.0019	−8 20 26.7	−0.135	−0.420	94.6	221 309	8 1319
1782	9.1	1 56.61	2.8684	0.0019	8 41 24.4	0.170	0.418	93.6	99 231	8 1322
1783	*7.0	2 5.76	2.9277	0.0019	6 11 26.1	0.183	0.427	93.7	3* 6* 375	6 1412
1784	8.4	2 14.27	2.8436	0.0019	9 43 34.8[1]	0.196	0.415	94.5	222 230 304	9 1333
1785	8.3	2 14.79	2.8791	0.0019	8 14 33.2	0.197	0.420	93.6	106 231	8 1323
1786	9.0	6 2 32.23	+2.9068	+0.0019	−7 4 22.7	−0.222	−0.424	94.6	217 303	7 1288
1787	9.4	2 39.56	2.9231	0.0019	6 23 13.0	0.233	0.426	97.0	367 378	6 1415
1788	8.8	2 53.74	2.9050	0.0019	7 9 1.5	0.253	0.424	94.5	215 299	7 1291
1789	8.5	2 55.37	2.8697	0.0019	8 38 16.7	0.256	0.418	93.6	99 221	8 1324
1790	9.0	3 0.87	2.9008	0.0018	7 19 44.4	0.264	0.423	96.4	310 368 381	7 1292
1791	9.0	6 3 7.45	+2.8511	+0.0019	−9 24 44.5	−0.273	−0.416	94.6	224 305	9 1337
1792	8.6	3 9.40	2.8506	0.0019	9 26 4.0	0.276	0.416	94.6	222 304	9 1338
1793	8.8	3 11.12	2.9272	0.0018	6 12 48.5	0.279	0.427	95.1	111 374	6 1417
1794	9.3	3 12.75	2.9241	0.0018	6 20 51.5	0.281	0.427	94.1 94.6	111a 232 301	6 1418
1795	8.4	3 22.98	2.9113	0.0018	6 53 6.2	0.296	0.424	97.1	375 380	6 1419
1796	*8.7	6 3 31.61	+2.9196	+0.0018	−6 32 2.9	−0.309	−0.426	94.6	1* 378	6 1420
1797	8.9	3 50.14	2.9175	0.0018	6 37 25.9	0.336	0.426	95.0	110 367	6 1422
1798	*7.0	3 56.50	2.9132	0.0018	6 48 21.8	0.345	0.425	94.6 97.1	6* 375 414δ	6 1424
1799	6.9	3 57.01	2.8868	0.0018	7 55 14.3	0.346	0.421	94.5	215 299	7 1299
1800	8.4	4 13.69	2.8458	0.0018	9 37 56.1	0.370	0.415	94.6	221 304	9 1343

[1] 33″.3 35″.2 35″.8

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1801	8.9	6h 4m 14.11s	+2.8758s	+0.0018s	−8° 22′ 47.1″	−0.371″	−0.419″	93.6	106 219	8° 1331
1802	7.4	4 18.87	2.8780	0.0018	8 17 8.6	0.378	0.420	94.6	219 309	8 1332
1803	8.8	4 28.96	2.8329	0.0018	10 10 9.8	0.392	0.413	94.6	222 305	10 1394
1804	8.2	4 32.99	2.8584	0.0018	9 6 37.3	0.398	0.417	94.7	230 308	9 1345
1805	9.0	4 35.96	2.8485	0.0018	9 31 34.9	0.402	0.415	94.5	224 231 308	9 1346
1806	8.5	6 4 38.65	+2.9200	+0.0018	−6 31 7.4	−0.406	−0.426	92.7	11 110	6 1432
1807	*9.0	4 38.73	2.9250	0.0018	6 18 30.4	0.406	0.427	94.8	3* 301 381	6 1431
1808	8.5	5 6.31	2.8511	0.0018	9 24 53.1	0.447	0.415	94.6	224 305	9 1347
1809	9.2	5 19.41	2.8916	0.0018	7 43 3.7	0.466	0.421	96.1	310 367	7 1306
1810	8.2	5 20.12	2.9066	0.0017	7 5 12.8	0.467	0.423	94.6	217 303	7 1305
1811	8.7	6 5 22.85	+2.8726	+0.0018	−8 31 6.9	−0.471	−0.418	93.5	99 212	8 1335
1812	8.8	5 37.37	2.8622	0.0018	8 57 5.2	0.492	0.416	93.6	99 219	8 1338
1813	8.6	5 39.66	2.8530	0.0018	9 20 8.2	0.495	0.415	94.6	221 304	9 1349
1814	9.1	5 47.18	2.9054	0.0017	7 8 10.2	0.506	0.423	94.5	217 299	7 1308
1815	8.8	5 58.33	2.8411	0.0018	9 49 52.9	0.522	0.414	95.1	230 342	9 1351
1816	8.4	6 5 59.95	+2.8411	+0.0018	−9 49 56.7	−0.525	−0.414	95.1	230 342	9 1352
1817	8.7	6 4.54	2.8556	0.0018	9 13 37.6	0.531	0.415	94.6	221 308	9 1353
1818	*5.5	6 9.68	2.9149	0.0017	6 43 59.6	0.539	0.424	92.4	1* 6* 111	6 1439
1819	7.8	6 11.96	2.9024	0.0017	7 15 49.0	0.542	0.422	94.6	217 303	7 1313
1820	8.9	6 20.15	2.9115	0.0017	6 52 41.6	0.554	0.423	93.7	110 232	6 1441
1821	8.4	6 6 20.41	+2.8926	+0.0017	−7 40 36.8	−0.555	−0.421	96.1	310 367	7 1315
1822	8.3	6 33.07	2.9032	0.0017	7 13 43.6	0.573	0.422	94.6	215 303	7 1318
1823	8.6	6 34.03	2.8464	0.0017	9 36 51.4	0.574	0.414	94.7	230 305	9 1359
1824	8.6	6 41.64	2.9099	0.0017	6 56 57.2	0.586	0.423	93.7	110 232	6 1442
1825	9.2	6 56.88	2.8554	0.0017	9 14 9.8[1]	0.608	0.415	94.7 97.2	231 308 414δ	9 1360
1826	*5.5	6 6 59.85	+2.9198	+0.0017	−6 31 39.0	−0.612	−0.425	92.7	11* 111	6 1446
1827	9.3	7 0.44	2.9216	0.0016	6 27 15.4	0.613	0.425	94.6	232 301	6 1445
1828	8.8	7 8.10	2.8509	0.0017	9 25 24.5	0.624	0.415	95.1	224 344	9 1363
1829	9.3	7 13.64	2.8409	0.0017	9 50 32.5	0.632	0.413	95.1	231 342	9 1364
1830	9.3	7 24.90	2.8664	0.0017	8 46 37.1	0.649	0.417	93.6	99 219	8 1342
1831	7.8	6 7 28.06	+2.9016	+0.0016	−7 17 59.8	−0.653	−0.422	94.7	215 299 303	7 1321
1832	8.9	7 36.31	2.8980	0.0016	7 26 56.7	0.665	0.422	94.7	227 310	7 1322
1833	8.6	7 36.37	2.8443	0.0017	9 42 10.1	0.665	0.414	94.6	222 305	9 1366
1834	9.0	7 41.06	2.8494	0.0017	9 29 23.9	0.672	0.415	95.1	230 344	9 1368
1835	*8.9	7 44.66	2.9155	0.0016	6 42 45.4	0.677	0.424	94.8	3* 301 381	6 1450
1836	9.0	6 7 53.66	+2.8646	+0.0017	−8 51 16.3	−0.691	−0.417	93.6	106 219	8 1345
1837	9.2	7 58.09	2.8485	0.0017	9 31 40.4	0.697	0.414	94.6	224 308	9 1371
1838	8.6	8 0.60	2.9022	0.0016	7 16 28.9	0.701	0.422	94.6	215 303	7 1325
1839	6.7	8 8.68	2.8682	0.0017	8 42 11.9	0.712	0.417	94.6	221 309	8 1346
1840	8.9	8 14.91	2.9245	0.0016	6 19 52.0	0.722	0.426	97.0	367 375	6 1453
1841	8.5	6 8 19.64	+2.8985	+0.0016	−7 25 48.7	−0.728	−0.422	94.7	227 310	7 1327
1842	*8.4	8 25.04	2.9233	0.0016	6 22 43.2	0.736	0.425	93.6	6* 301	6 1456
1843	8.3	8 28.43	2.8598	0.0017	9 3 21.5	0.741	0.416	96.1	230 369 375	9 1373
1844	9.0	8 33.30	2.8405	0.0017	9 51 46.1	0.748	0.413	99.1	344 414	9 1374
1845	8.9	8 35.53	2.8925	0.0017	7 40 57.7	0.752	0.421	96.4	310 368 381	7 1328
1846	9.1	6 8 42.57	+2.8916	+0.0016	−7 43 8.3	−0.762	−0.421	95.1	217 347	7 1330
1847	8.7	8 46.22	2.9286	0.0016	6 9 34.5	0.767	0.426	95.1	110 380	6 1460
1848	9.2	8 53.17	2.8570	0.0016	9 10 32.9	0.777	0.415	96.6	342 381	9 1376
1849	8.7	8 54.94	2.8697	0.0016	8 38 30.8	0.780	0.417	93.6	106 221	8 1355
1850	8.0	9 4.90	2.9136	0.0015	6 47 42.7	0.794	0.424	96.2	232 346a 395	6 1461

[1] 7″.7 (½) 10″.2 10″.5

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1851	7.0	6^{h} 9^{m} $6^{s}.76$	$+2^{s}.9035$	$+0^{s}.0015$	$-7°$ 13′ 13″.7	−0″.797	−0″.422	94.6	215 303	7° 1332
1852	9.3	9 11.80	2.8431	0.0016	9 45 16.1	0.804	0.414	96.7	344 383	9 1378
1853	8.4	9 31.93	2.9129	0.0015	6 49 31.2	0.834	0.424	95.2	232 346	6 1463
1854	9.0	9 34.94	2.8615	0.0016	8 59 12.7	0.838	0.416	94.6	219 309	8 1358
1855	8.8	9 36.97	2.8363	0.0016	10 2 18.7	0.841	0.413	94.7	230 305	10 1431
1856	8.8	6 9 46.58	+2.9193	+0.0015	−6 33 8.7	−0.855	−0.425	97.1	378 380	6 1467
1857	8.6	9 50.48	2.8990	0.0015	7 24 36.4	0.861	0.422	96.2	303 383	7 1338
1858	9.1	9 54.98	2.8505	0.0016	9 26 45.6	0.867	0.415	94.6	224 308	9 1381
1859	4.6	9 58.69	2.9266	0.0015	6 14 38.9	0.873	0.426		**Fund. Cat.**	6 1469
1860	8.6	10 6.43	2.9131	0.0015	6 48 58.8	0.884	0.424	95.2	232 346	6 1470
1861	*8.5	6 10 6.81	+2.8927	+0.0016	−7 40 25.7	−0.885	−0.421	96.7	347 384*	7 1341
1862	7.5	10 8.07	2.8666	0.0016	8 46 27.0	0.886	0.417	96.1	309 374	8 1361
1863	8.2	10 17.41	2.8708	0.0016	8 35 48.8	0.900	0.418	95.1	106 374	8 1364
1864	8.7	10 21.42	2.9247	0.0015	6 19 34.5	0.906	0.426	95.1	111 380	6 1472
1865	9.0	10 22.65	2.8859	0.0016	7 57 39.4	0.908	0.420	96.2	310 381	7 1342
1866	9.0	6 10 30.61	+2.9293	+0.0015	−6 7 50.6	−0.919	−0.426	95.0	110 364	6 1473
1867	8.9	10 38.07	2.9345	0.0015	5 54 43.0	0.930	0.427	97.1	375 380	5 1560
1868	*6.2	10 40.11	2.8611	0.0016	9 0 15.4	0.933	0.416	94.6	221* 309	8 1368
1869	9.1	10 42.79	2.9031	0.0015	7 14 25.6	0.937	0.422	94.6	215 303	7 1345
1870	9.1	10 43.85	2.8522	0.0016	9 22 45.3	0.938	0.415	94.7	231 308	9 1384
1871	8.4	6 10 45.37	+2.8417	+0.0016	−9 49 1.2	−0.941	−0.414	93.6 96.4	99 222 411δ	9 1385
1872	9.1	10 46.02	2.8482	0.0016	9 32 47.8	0.942	0.414	97.1	375 383	9 1386
1873	8.8	10 50.86	2.8510	0.0016	9 25 41.1	0.949	0.415	95.1	231 342	9 1388
1874	7.9	10 53.61	2.9282	0.0015	6 10 33.9	0.953	0.426	96.3	301 364 368	6 1475
1875	9.0	11 8.35	2.9086	0.0015	7 0 23.3	0.974	0.423	97.6	378 396	7 1347
1876[1]	...	6 11 8.48	+2.8917	+0.0016	−7 43 9.3	−0.974	−0.421	97.1	378 381	7 1348
1877	8.7	11 16.75	2.8342	0.0016	10 7 49.5	0.986	0.412	95.1	230 344	10 1445
1878	8.3	11 22.54	2.8480	0.0016	9 33 15.2	0.995	0.414	95.6	231 375	9 1390
1879	8.7	11 30.87	2.9288	0.0014	6 9 9.0[2]	1.007	0.426	95.7	110 364 368	6 1477
1880	8.6	11 33.78	2.9221	0.0014	6 26 10.8	1.011	0.425	94.6	232 301	6 1478
1881	7.8	6 11 38.96	+2.8397	+0.0016	−9 54 4.5	−1.019	−0.413	96.2	230 395	9 1395
1882	8.8	11 42.00	2.9019	0.0014	7 17 23.7	1.023	0.422	94.6	215 303	7 1349
1883	8.1	12 5.70	2.8366	0.0015	10 1 48.7	1.058	0.413	94.7	230 308	10 1448
1884	8.4	12 12.38	2.9304	0.0014	6 5 1.8	1.068	0.427	96.6	346 380	6 1482
1885	8.6	12 14.49	2.8901	0.0015	7 47 33.2	1.071	0.421	94.7	227 310	7 1352
1886	*8.2	6 12 17.69	+2.9275	+0.0014	−6 12 27.2	−1.075	−0.426	93.6	6* 301	6 1485
1887	9.1	12 31.13	2.8989	0.0014	7 25 3.8	1.095	0.421	96.7	310 396	7 1353
1888	8.3	12 37.59	2.8469	0.0015	9 36 9.2	1.104	0.414	95.1	231 342	9 1402
1889	8.7	12 50.58	2.8886	0.0015	7 51 10.4	1.123	0.420	95.2	227 347	7 1358
1890	9.1	13 2.99	2.8967	0.0015	7 30 48.1	1.141	0.421	97.1	378 380	7 1359
1891	8.6	6 13 4.86	+2.8387	+0.0015	−9 56 49.5	−1.144	−0.412	96.2	230 395	9 1404
1892	*6.8	13 16.52	2.9162	0.0014	6 41 18.3	1.161	0.424	93.6	3* 301	6 1487
1893	8.6	13 17.26	2.9140	0.0014	6 47 2.0	1.162	0.424	94.6	232 301	6 1488
1894	8.5	13 30.38	2.9053	0.0014	7 9 7.3	1.181	0.422	94.6	215 303	7 1363
1895	8.6	13 44.61	2.8899	0.0015	7 48 5.4	1.202	0.420	94.7	227 310	7 1365
1896	8.6	6 13 52.52	+2.8875	+0.0014	−7 54 9.9	−1.213	−0.419	95.6	227 378	7 1366
1897	8.7	13 57.40	2.8648	0.0014	8 51 23.7	1.220	0.416	96.1	309 374	8 1385
1898	5.2	14 5.23	2.8530	0.0014	9 20 58.8	1.232	0.415	94.7	230 308	9 1411
1899	6.2	14 20.82	2.8722	0.0014	8 32 44.7	1.254	0.417	94.7	228 309	8 1386
1900	9.3	14 29.38	2.8710	0.0014	8 35 51.9	1.267	0.417	94.7	228 309	8 1387

[1] Dpl. med. ($9^{m}.0$ $9^{m}.0$)   [2] 7″.7 9″.0 10″.2

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1901	*8.8	6h 14m 33s.66	+2s.9228	+0s.0013	− 6° 24′ 41″.9	−1″.273	−0″.425	92.6	6* 110	6° 1491
1902	8.7	14 44.73	2.8556	0.0014	9 14 50.5	1.289	0.415	94.7	230 305	9 1416
1903	8.8	14 46.79	2.8435	0.0015	9 44 52.5	1.292	0.413	94.6	224 308	9 1417
1904	9.2	14 51.54	2.8985	0.0013	7 26 23.2	1.299	0.421	94.6	217 303	7 1370
1905	8.9	14 52.42	2.8533	0.0014	9 20 29.1	1.300	0.415	94.7	231 305	9 1419
1906	*8.9	6 14 52.52	+2.9144	+0.0013	− 6 46 15.0	−1.301	−0.424	92.6	3* 111	6 1495
1907	8.9	14 52.71	2.8933	0.0014	7 39 36.6	1.301	0.420	94.6	215 310	7 1371
1908	*6.7	14 53.75	2.8904	0.0014	7 46 51.5	1.302	0.420	95.8	227 345* 381*	7 1373
1909	8.8	14 56.68	2.8798	0.0014	8 13 45.7	1.307	0.418	95.6	221 375	8 1390
1910	8.1	15 4.67	2.9040	0.0013	7 12 28.9	1.318	0.421	96.8	347 375 380	7 1375
1911	9.1	6 15 6.28	+2.8848	+0.0014	− 8 1 0.1	−1.321	−0.419	95.1	99 374	8 1391
1912	8.9	15 8.52	2.8918	0.0014	7 43 26.1	1.324	0.420	94.6	215 310	7 1376
1913	7.3	15 17.94	2.8893	0.0014	7 49 43.1	1.338	0.420	94.6	227 303	7 1378
1914	9.3	15 19.24	2.8600	0.0014	9 3 42.7	1.339	0.415	96.1	342	9 1421
1915	8.0	15 21.88	2.8663	0.0014	8 47 39.4	1.343	0.416	96.6	344 374	8 1392
1916	*8.3	6 15 28.43	+2.9349	+0.0013	− 5 53 57.9	−1.353	−0.426	92.7	11* 110	5 1594
1917	9.0	15 40.23	2.9336	0.0013	5 57 21.8	1.370	0.426	94.6	232 301	5 1597
1918	*8.6	15 50.46	2.9261	0.0013	6 16 17.1	1.385	0.425	93.4	1* 6* 346	6 1504
1919	8.8	15 53.80	2.8367	0.0014	10 2 19.4	1.390	0.412	94.7	230 308	10 1485
1920	7.3	15 55.99	2.8413	0.0014	9 50 48.5	1.394	0.412	94.7	231 305	9 1423
1921	*8.1	6 16 6.55	+2.9173	+0.0013	− 6 38 48.9	−1.408	−0.423	92.6	10* 111	6 1507
1922	9.1	16 7.68	2.8829	0.0014	8 6 6.7	1.410	0.419	95.1	99 374	8 1396
1923	*8.7	16 11.08	2.9318	0.0013	6 2 3.0	1.415	0.426	94.6	232 301*	6 1508
1924	8.9	16 13.69	2.9351	0.0013	5 53 42.7	1.419	0.426	95.1	110 380	5 1599
1925	8.8	16 21.15	2.8600	0.0013	9 3 38.2	1.429	0.415	95.6	224 375	9 1429
1926	*8.6	6 16 21.95	+2.9325	+0.0012	− 6 0 21.1	−1.431	−0.426	94.6	232 301*	5 1601
1927	9.1	16 23.57	2.9152	0.0012	6 44 7.6	1.433	0.423	95.2	111 381	6 1511
1928	6.8	16 53.71	2.8809	0.0013	8 11 20.2	1.477	0.418	95.5	221 309 378	8 1401
1929	9.1	16 54.34	2.8622	0.0013	8 58 27.5	1.478	0.415	95.6	228 378	8 1402
1930	7.3	16 58.31	2.8463	0.0014	9 38 10.4	1.484	0.413	95.1	231 344	9 1431
1931	8.3	6 17 2.97	+2.8357	+0.0014	−10 4 47.0	−1.490	−0.412	94.7	230 308	10 1493
1932	8.6	17 5.06	2.9234	0.0012	6 23 37.2	1.493	0.424	96.6	346 380	6 1517
1933	8.2	17 10.45	2.8810	0.0013	8 10 55.2	1.501	0.418	93.6	99 221	8 1404
1934	8.4	17 15.28	2.8509	0.0013	9 26 48.2	1.508	0.414	95.5	231 305 381	9 1434
1935	8.9	17 22.67	2.8616	0.0013	9 0 4.4	1.519	0.415	95.5	228 309 378	8 1405
1936	8.9	6 17 37.44	+2.9351	+0.0012	− 5 53 49.5	−1.540	−0.425	93.7	110 232	5 1610
1937	8.4	17 45.99	2.8954	0.0013	7 34 42.0	1.553	0.420	94.6	215 310	7 1399
1938	8.9	17 46.15	2.9049	0.0012	7 10 31.6	1.553	0.421	94.6	227 303	7 1398
1939	*7.8	18 8.33	2.9213	0.0012	6 28 56.2	1.585	0.424	93.1	3* 10* 301	6 1526
1940	9.1	18 12.14	2.8435	0.0014	9 45 30.4	1.591	0.412	94.6	224 308	9 1439
1941	9.0	6 18 12.52	+2.8881	+0.0013	− 7 53 13.7	−1.591	−0.418	94.6	227 303	7 1401
1942	*8.5	18 23.22	2.9241	0.0012	6 21 51.5	1.607	0.424	93.4	1* 6* 346	6 1527
1943	8.7	18 42.52	2.8900	0.0013	7 48 35.4	1.635	0.419	94.6	215 303	7 1403
1944[1]	9.4	18 43.31	2.8420	0.0013	9 49 35.1	1.636	0.412	95.1	224 342	9 1442
1945	*6.2	18 51.75	2.8420	0.0013	9 49 24.9	1.648	0.412	94.7 97.1	230 305* 413δ	9 1444
1946	9.4	6 18 57.99	+2.9163	+0.0011	− 6 41 50.8	−1.658	−0.423	93.7	108 232	6 1531
1947	*8.3	19 1.72	2.8547	0.0012	9 17 40.8	1.663	0.414	95.1	230* 344	9 1446
1948	8.9	19 10.39	2.8818	0.0012	8 9 21.2	1.676	0.418	95.6	99 228 383 395	8 1415
1949	7.9	19 12.69	2.8613	0.0012	9 1 0.7	1.679	0.415	94.6	221 309	8 1416
1950	9.1	19 17.96	2.8536	0.0012	9 20 28.2	1.686	0.414	95.5	230 342 344	9 1449

[1] Z. 342: 9m.5 nahe

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
1951	*8.7	$6^h\ 19^m\ 45^s.00$	$+2^s.9131$	$+0^s.0011$	$-\ 6°\ 49'\ 54''.6$	$-1''.726$	$-0''.423$	92.5	3* 11* 110	6° 1535
1952	9.0	19 45.36	2.8838	0.0012	8 4 26.7	1.726	0.418	93.6	99 228	8 1421
1953	9.1	19 59.15	2.9279	0.0011	6 12 12.4	1.746	0.424	93.7	111 232	6 1537
1954	8.8	20 1.34	2.8963	0.0012	7 32 52.3	1.750	0.420	95.8	215 310 396	7 1413
1955	9.3	20 15.08	2.8595	0.0012	9 5 50.4	1.770	0.415	94.6	224 308	9 1452
1956	8.3	6 20 22.94	+2.8697	+0.0012	− 8 40 5.9	−1.781	−0.416	94.6 97.1	221 309 411δ	8 1424
1957	8.7	20 30.35	2.8600	0.0012	9 4 31.1	1.792	0.415	94.7	231 305	9 1454
1958	9.0	20 30.91	2.8976	0.0011	7 29 32.8	1.793	0.420	94.7	227 310	7 1418
1959	7.3	20 35.75	2.8610	0.0012	9 2 7.0	1.799	0.415	94.7	231 305	9 1456
1960	8.1	21 3.63	2.8772	0.0012	8 21 15.7	1.840	0.417	94.7	228 309	8 1430
1961	*9.1	6 21 4.64	+2.9212	+0.0010	− 6 29 27.9	−1.842	−0.424	93.6	1* 301	6 1541
1962	[8.5]	21 5.63	2.9293	0.0010	6 8 53.0	1.843	0.425	92.6	6 111	6 1542
1963	9.0	21 7.46	2.9258	0.0010	6 18 1.8	1.846	0.424	94.8	111 232 382	6 1543
1964	6.8	21 9.85	2.8895	0.0012	7 50 16.9	1.849	0.419	96.1	303 380	7 1422
1965	8.8	21 15.43	2.9076	0.0010	7 4 8.8	1.857	0.422	95.8	227 346 383	7 1423
1966	8.9	6 21 21.03	+2.8537	+0.0011	− 9 20 24.4	−1.865	−0.414	96.1	305 380	9 1458
1967	*8.0	21 23.00	2.9021	0.0010	7 18 13.5	1.868	0.421	94.6	227 303*	7 1424
1968	8.1	21 34.18	2.8385	0.0012	9 59 0.0	1.884	0.411	94.7	230 308	9 1462
1969	9.0	21 40.30	2.8689	0.0011	8 42 34.0	1.893	0.416	96.1	99 374 395	8 1434
1970	8.7	21 44.24	2.8554	0.0011	9 16 33.9	1.899	0.414	94.7	230 305	9 1464
1971	9.0	6 21 53.71	+2.8987	+0.0010	− 7 26 59.5	−1.913	−0.420	95.2	227 347	7 1428
1972	6.8	21 54.93	2.8987	0.0010	7 27 7.8	1.914	0.420	95.1	215 347	7 1429
1973	9.3	22 34.03	2.8651	0.0011	8 52 26.2[1]	1.971	0.414	95.6 97.8	228 375 414δ	8 1438
1974	9.0	22 48.76	2.8815	0.0011	8 10 47.7	1.993	0.416	95.6	221 375	8 1439
1975	9.0	22 48.95	2.9355	0.0010	5 53 14.5	1.993	0.425	95.2	11 395	5 1642
1976	8.8	6 22 51.16	+2.8877	+0.0011	− 7 55 11.0	−1.996	−0.417	94.6	227 303	7 1433
1977	8.7	22 54.34	2.8580	0.0011	9 10 6.0	2.001	0.413	95.1	224 344	9 1473
1978	*8.5	22 59.21	2.9275	0.0010	6 13 48.8	2.008	0.423	92.6	6* 111	6 1560
1979	*8.9	23 13.16	2.9126	0.0010	6 51 52.9	2.028	0.421	92.6	3* 110	6 1564
1980	8.6	23 17.35	2.8990	0.0010	7 26 26.3	2.034	0.419	95.1	215 347	7 1434
1981	*8.3	6 23 33.93	+2.9216	+0.0009	− 6 29 5.6	−2.058	−0.423	94.1	10* 346	6 1568
1982	8.6	23 35.88	2.8440	0.0012	9 45 41.5	2.061	0.411	94.7	230 305	9 1475
1983	8.9	23 41.57	2.9045	0.0010	7 12 45.4	2.069	0.420	94.6	227 303	7 1436
1984	9.0	23 45.41	2.8456	0.0012	9 41 39.3	2.075	0.411	94.6	224 305	9 1476
1985	7.9	23 48.41	2.8764	0.0010	8 24 5.4[2]	2.079	0.416	95.1 97.4	99 374 411	8 1441
1986	8.3	6 23 51.82	+2.9117	+0.0009	− 6 54 22.5	−2.084	−0.421	93.7	110 232	6 1570
1987	[5.5]	23 58.05	2.9102	0.0009	6 58 8.3	2.093	0.421	92.8	6 110 115	6 1574
1988[3]	[5.5]	23 58.53	2.9102	0.0009	6 58 14.5	2.094	0.421	92.6	3 115	6 1575
1989	8.9	23 58.80	2.8624	0.0010	8 59 35.1	2.094	0.414	95.6	228 378	8 1442
1990	8.5	24 0.42	2.8760	0.0010	8 24 57.3	2.097	0.416	95.1	99 374	8 1443
1991	9.1	6 24 0.44	+2.8341	+0.0011	−10 10 22.9	−2.097	−0.409	96.6	342 380	10 1543
1992	9.2	24 3.68	2.8540	0.0010	9 20 22.0	2.101	0.413	94.7	230 308	9 1478
1993	8.9	24 20.54	2.8570	0.0010	9 12 59.8	2.126	0.413	95.1	224 344	9 1480
1994	8.5	24 26.90	2.8851	0.0010	8 2 7.3	2.135	0.417	94.6	221 309	8 1448
1995	8.1	24 34.36	2.8589	0.0010	9 8 30.6[4]	2.146	0.413	97.1 98.8	375 381 413δ	9 1483
1996	9.0	6 24 36.01	+2.8420	+0.0011	− 9 50 47.1	−2.148	−0.411	96.6	342 382	9 1484
1997	9.1	24 42.61	2.8509	0.0010	9 28 32.3	2.158	0.412	96.6	344 381	9 1486
1998	*8.8	24 42.74	2.9099	0.0009	6 59 20.8	2.158	0.421	92.6	1* 111	6 1581
1999	8.1	24 43.09	2.9025	0.0009	7 17 51.5	2.159	0.420	94.6	215 303	7 1438
2000	9.0	25 0.08	2.8562	0.0010	9 15 6.1	2.183	0.413	96.1	308 380	9 1490

[1] 27″.2 24″.6 26″.9 [2] 5″.9 3″.3 (¼) 6″.0 [3] Dpl. med. [4] 29″.0 31″.5 31″.4

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2001	8.5	$6^h\ 25^m\ 11^s.12$	$+2^s.8805$	$+0^s.0010$	$-8°\ 13'\ 50''.2$	$-2''.199$	$-0''.416$	93.6	99 228	8° 1454
2002	8.5	25 19.93	2.8938	0.0010	7 40 4.8	2.212	0.418	94.7	227 310	7 1440
2003	*8.2	25 25.54	2.9245	0.0008	6 21 44.2	2.220	0.423	92.5	6* 11* 108	6 1585
2004	6.1	25 27.49	2.8381	0.0011	10 0 51.0	2.223	0.410	94.7	230 305	9 1493
2005	9.4	25 42.71	2.8545	0.0010	9 19 50.2	2.245	0.413	95.6	224 375	9 1495
2006	9.2	6 26 4.75	+2.8993	+0.0009	−7 26 25.3	−2.277	−0.419	94.6	227 303	7 1444
2007[1]	8.7	26 4.97	2.8484	0.0011	9 35 7.4	2.277	0.412	95.1	231 344	9 1498
2008	9.2	26 5.60	2.8580	0.0010	9 10 58.7	2.278	0.413	96.1	308 380	9 1499
2009	9.2	26 41.10	2.8874	0.0009	7 56 44.3	2.330	0.417	94.7	232 310	7 1449
2010	*9.1	26 53.36	2.9120	0.0008	6 54 10.9	2.347	0.421	92.6	3* 110	6 1595
2011	5.9	6 27 1.74	+2.8841	+0.0009	−8 5 11.1	−2.359	−0.417	93.6	99 221	8 1462
2012	8.1	27 10.27	2.8491	0.0010	9 33 50.4	2.372	0.412	95.1	230 342	9 1507
2013	9.0	27 13.52	2.8795	0.0009	8 16 59.9	2.376	0.416	94.7	228 309	8 1465
2014	9.2	27 15.68	2.8868	0.0009	7 58 8.5	2.380	0.417	95.2	227 310 347	7 1453
2015	8.7	27 20.91	2.9042	0.0008	7 14 4.2	2.387	0.420	93.6	103 215	7 1455
2016	7.4	6 27 25.05	+2.9018	+0.0008	−7 20 11.1	−2.393	−0.420	94.6	215 303	7 1456
2017	*8.5	27 43.76	2.9235	0.0007	6 24 56.3	2.420	0.422	92.4	1* 6* 108	6 1598
2018	9.0	27 46.40	2.8391	0.0010	9 59 14.9	2.424	0.409	94.6	224 305	9 1510
2019	*8.5	27 53.34	2.8995	0.0008	7 26 8.1	2.434	0.418	95.5	232 303 383*	7 1462
2020	8.6	28 1.94	2.8673	0.0009	8 47 54.9	2.446	0.414	95.8	228 309 395	8 1467
2021	9.0	6 28 4.15	+2.8930	+0.0009	−7 42 46.6	−2.450	−0.417	94.7	232 310	7 1463
2022	8.8	28 5.00	2.8843	0.0009	8 4 59.0	2.451	0.416	93.6	99 221	8 1468
2023	9.0	28 12.49	2.8384	0.0010	10 1 1.2	2.462	0.409	94.6	224 305	9 1513
2024	7.3	28 12.87	2.8652	0.0009	8 53 23.4	2.462	0.413	94.7	228 309	8 1469
2025	8.7	28 22.04	2.8659	0.0009	8 51 24.6	2.476	0.413	95.8	228 309 395	8 1471
2026	9.1	6 28 30.46	+2.8487	+0.0010	−9 35 13.7	−2.488	−0.411	94.7	230 308	9 1516
2027	8.9	28 47.35	2.8840	0.0008	8 5 57.0	2.512	0.416	95.1	99 374	8 1475
2028	9.1	28 47.64	2.8947	0.0008	7 38 42.8	2.513	0.417	94.6	227 303	7 1469
2029	8.1	28 50.41	2.9069	0.0007	7 7 40.7	2.517	0.419	93.6	103 215	7 1471
2030	*8.5	28 54.17	2.9221	0.0007	6 28 48.1[2]	2.522	0.422	94.1	6* 108 382	6 1605
2031	9.0	6 28 58.96	+2.9326	+0.0007	−6 1 49.2	−2.529	−0.423	92.7	11 115	6 1606
2032	8.9	29 11.88	2.8560	0.0008	9 16 58.4	2.548	0.412	94.7	230 305	9 1519
2033	*9.1	29 13.97	2.9346	0.0006	5 56 39.8	2.551	0.423	92.7	11* 111	5 1687
2034	*9.0	29 16.75	2.9203	0.0007	6 33 16.6	2.555	0.421	94.1	3* 110 382	6 1611
2035	9.4	29 16.89	2.8541	0.0008	9 21 44.0	2.555	0.412	95.1	224 342	9 1520
2036	9.2	6 29 22.80	+2.8396	+0.0009	−9 58 16.4	−2.564	−0.409	96.6	344 380	9 1521
2037	8.5	29 38.20	2.8895	0.0008	7 52 23.8	2.586	0.416	93.6	103 227	7 1474
2038	8.4	29 51.07	2.9319	0.0006	6 3 58.4	2.604	0.423	92.6	10 111	6 1616
2039	8.8	29 53.28	2.8739	0.0008	8 31 48.1	2.608	0.414	94.6	221 309	8 1480
2040	9.0	29 57.00	2.9192	0.0007	6 36 29.0	2.613	0.421	93.7	110 232	6 1618
2041	9.0	6 30 10.48	+2.8799	+0.0008	−8 16 38.4	−2.632	−0.415	95.6	228 375	8 1481
2042	8.9	30 12.79	2.8678	0.0008	8 47 19.6[3]	2.636	0.414	96.7	231 375 384 395	8 1482
2043[4]	9.3	30 21.79	2.8866	0.0008	7 59 47.0	2.649	0.416	95.7	227 303 347 383	7 1477
2044	8.7	30 35.46	2.9032	0.0007	7 17 40.9	2.669	0.419	93.6	115 215	7 1479
2045	9.0	30 45.48	2.8560	0.0008	9 17 28.4	2.683	0.412	94.7	230 305	9 1529
2046	8.8	6 30 50.86	+2.8771	+0.0008	−8 24 0.9	−2.691	−0.415	93.6	99 228	8 1484
2047	7.8	30 56.04	2.8648	0.0008	8 55 8.4	2.698	0.413	95.8	221 309 395	8 1486
2048	8.7	30 58.88	2.8757	0.0008	8 27 45.9	2.702	0.415	95.1 00.4	99*a* 374 413δ 414δ	8 1487
2049	9.1	31 9.86	2.8541	0.0008	9 22 11.2	2.718	0.412	94.7	230 308	9 1533^I^
2050	9.1	31 10.09	2.8541	0.0008	9 22 3.5	2.719	0.412	94.7	230 308	9 1533^II^

[1] Z. 344: $9^m.5$ nahe, seq. Bor. [2] $47''.1$ $47''.5$ $49''.6$ [3] $19''.3$ $18''.2$ $19''.6$ $21''.2$ [4] Dpl. maj., seq.; com. 10^m

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2051	*8.6	6h 31m 29s.13	+2s.9347	+0s.0005	— 5° 56′ 50″.4	—2″.746	—0″.423	92.4	1* 3* 108	5° 1707
2052	8.5	31 33.22	2.8692	0.0008	8 44 17.4	2.752	0.414	96.1	309 374	8 1489
2053	8.7	31 43.11	2.8453	0.0008	9 44 47.3	2.766	0.409	94.7	231 305	9 1537
2054	8.8	31 46.43	2.9052	0.0006	7 12 47.0	2.771	0.418	93.6	103 215	7 1488
2055	9.2	31 48.16	2.9270	0.0005	6 16 49.8[1]	2.774	0.421	93.7 96.5	115 232 414δ	6 1628
2056	8.9	6 31 49.09[2]	+2.8442	+0.0008	— 9 47 48.7	—2.775	—0.409	97.4	224 342 411	9 1538
2057	*8.6	31 53.04	2.9149	0.0006	6 47 50.9	2.781	0.420	92.6	10* 111	6 1629
2058	8.6	32 4.77	2.8599	0.0007	9 7 49.7	2.798	0.411	96.1	231 344 380 384	9 1541
2059	8.9	32 8.35	2.8440	0.0008	9 48 6.4	2.803	0.409	95.1	224 342	9 1543
2060	8.9	32 28.27	2.8566	0.0007	9 16 28.4	2.832	0.411	96.6	344 380	9 1545
2061	7.2	6 32 43.75	+2.8832	+0.0007	— 8 9 2.5	—2.854	—0.415	94.6	221 309	8 1496
2062	8.8	32 48.58	2.8733	0.0007	8 34 19.5	2.861	0.413	95.1	99 382	8 1498
2063	8.7	32 51.70	2.8558	0.0007	9 18 45.0	2.865	0.411	94.7	230 305	9 1549
2064[3]	9.3	32 57.21	2.8375	0.0008	10 4 46.5	2.873	0.408	95.6	224 378	10 1610
2065	*8.7	33 0.18	2.9105	0.0006	6 59 35.8	2.878	0.419	92.6	6* 110	6 1641
2066	*9.0	6 33 1.80	+2.9351	+0.0005	— 5 56 20.8	—2.880	—0.422	92.6	1* 108	5 1717
2067	7.7	33 4.19	2.8704	0.0007	8 41 42.5	2.883	0.413	95.6	228 375	8 1499
2068	9.1	33 11.54	2.9064	0.0006	7 10 3.7	2.894	0.418	94.2	115 227 303	7 1495
2069	8.2	33 12.24	2.8588	0.0007	9 10 58.7	2.895	0.411	96.1	308 380	9 1553
2070	8.8	33 24.50	2.9047	0.0006	7 14 21.2	2.913	0.418	95.6	103 215 383 393	7 1497
2071	*8.9	6 33 29.03	+2.9129	+0.0006	— 6 53 22.5	—2.919	—0.419	92.6	6* 111	6 1643
2072	9.2	33 29.65	2.8513	0.0008	9 30 14.6	2.920	0.410	97.1	378 382	9 1556
2073	7.9	33 45.97	2.8578	0.0007	9 14 2.1	2.944	0.411	94.7	230 305	9 1557
2074	8.9	33 50.06	2.8473	0.0007	9 40 35.9	2.950	0.409	95.1	231 344	9 1558
2075	9.0	33 51.41	2.8470	0.0007	9 41 11.2	2.951	0.409	95.1	231 344	9 1560
2076	8.8	6 34 3.92	+2.8708	+0.0007	— 8 41 8.8	—2.970	—0.413	95.6	228 375	8 1506
2077	9.1	34 4.37	2.8644	0.0007	8 57 17.2	2.970	0.412	94.7	228 309	8 1507
2078	*9.3	34 22.76	2.9102	0.0005	7 0 34.2[4]	2.997	0.419	92.6 95.8	10* 110 414δ	6 1651
2079	8.7	34 27.08	2.8569	0.0007	9 16 26.8	3.003	0.411	94.7	230 305	9 1564
2080	9.1	34 36.74	2.8426	0.0007	9 52 41.3	3.017	0.408	94.6	224 308	9 1568
2081	9.1	6 34 38.69	+2.9101	+0.0005	— 7 0 59.4	—3.020	—0.419	93.7	110 232	6 1655
2082	8.4	34 47.61	2.9251	0.0004	6 22 31.5	3.033	0.421	93.7	108 232	6 1658
2083	9.0	34 48.79	2.8884	0.0006	7 56 16.6	3.034	0.415	94.7	227 310	7 1509
2084	9.1	34 54.69	2.8456	0.0007	9 45 15.8	3.043	0.409	96.6	342 382	9 1573
2085	8.4	35 17.58	2.8775	0.0006	8 24 14.5	3.076	0.413	93.6	99 221	8 1510
2086	*7.0	6 35 26.02	+2.9279	+0.0004	— 6 15 18.2	—3.088	—0.420	92.4	1* 6* 108	6 1664
2087	8.8	35 26.06	2.8808	0.0006	8 15 55.4	3.088	0.413	93.6	99 221	8 1511
2088	9.2	35 37.23	2.8440	0.0007	9 49 24.7	3.104	0.408	94.7	231 308	9 1582
2089	8.7	35 37.96	2.9029	0.0005	7 19 39.8	3.105	0.417	94.7	227 310	7 1516
2090	9.0	35 42.52	2.8662	0.0006	8 53 19.5	3.112	0.411	96.1	228 374 375	8 1514
2091	8.7	6 35 44.78	+2.8672	+0.0006	— 8 50 45.1	—3.115	—0.411	96.1	309 374	8 1515
2092	8.7	35 55.68	2.8652	0.0006	8 55 53.4	3.131	0.411	94.7	228 309	8 1517
2093	8.6	36 0.20	2.8706	0.0006	8 42 9.1	3.137	0.412	97.1	378 382	8 1518
2094	9.1	36 1.57	2.9081	0.0005	7 6 20.7	3.139	0.418	95.2	227 348	7 1519
2095	7.6	36 11.99	2.8994	0.0005	7 28 46.2	3.154	0.416	96.7	349 381	7 1523
2096	8.9	6 36 14.11	+2.8390	+0.0007	—10 2 24.6	—3.157	—0.407	94.7	230 305	10 1641
2097	8.7	36 21.20	2.8895	0.0005	7 54 1.0	3.167	0.414	96.2	310 383	7 1524I
2098	8.7	36 21.33	2.8896	0.0005	7 53 49.6	3.168	0.414	96.2	310 383	7 1524II
2099	9.4	36 21.88[5]	2.9176	0.0004	6 41 59.3[6]	3.168	0.419	95.5	111 346 380	6 1674
2100	8.6	36 22.12	2.9213	0.0004	6 32 41.1	3.169	0.419	96.1	232 393	6 1675

[1] 51″.5 48″.5 49″.4 [2] 49s.15 48s.95 49s.16 [3] 9m.4 nahe, seq. Bor. [4] 32″.5 35″.6 34″.6 [5] 21s.76 21s.96 21s.93
[6] 57″.6 60″.1 60″.3

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2101	7.2	$6^h\ 36^m\ 31^s.65$	$+2^s.9089$	$+0^s.0004$	$-7^\circ\ 4'\ 28''.5$	$-3''.182$	$-0''.418$	95.2	227 349	7° 1526
2102	*8.8	36 35.94	2.9330	0.0003	6 2 47.6[1]	3.189	0.421	92.6 95.8	10* 110 414δ	6 1679
2103	*9.5	36 50.60	2.8901	0.0005	7 52 48.1	3.210	0.414	96.2	310* 381	7 1530
2104	8.4	36 54.99	2.9327	0.0003	6 3 29.6	3.216	0.421	95.1	110 380	6 1682
2105	9.3	37 4.28	2.8637	0.0006	9 0 1.6	3.229	0.411	97.1	374 378	8 1523
2106	9.3	6 37 4.84	+2.8401	+0.0006	−10 0 2.9	−3.230	−0.407	95.1	224 342	9 1599
2107	9.3	37 6.23	2.8647	0.0006	8 57 31.0	3.232	0.411	97.1	378 383	8 1524
2108	6.0	37 9.94	2.8621	0.0006	9 4 14.0	3.237	0.411	94.7	230 305	9 1601
2109	7.3	37 13.98	2.9337	0.0003	6 1 6.9	3.243	0.421	95.2	115 380	5 1753
2110	*8.3	37 15.62	2.9284	0.0003	6 14 44.1	3.246	0.420	92.6	6* 108	6 1684
2111	8.9	6 37 21.99	+2.8453	+0.0006	− 9 47 1.3	−3.255	−0.408	94.7	230 308	9 1602
2112	9.1	37 28.71	2.8366	0.0006	10 8 56.2	3.265	0.406	95.1	231 344	10 1649
2113[2]	9.1	37 30.59	2.8447	0.0006	9 48 26.4	3.267	0.408	96.2	308 383	9 1603
2114	9.2	37 30.76	2.9125	0.0004	6 55 38.3	3.268	0.418	95.6	232 375	6 1685
2115	9.0	37 34.10	2.9349	0.0003	5 58 9.0	3.272	0.421	95.2	115 380	5 1755
2116[3]	8.7	6 37 47.37	+2.8528	+0.0006	− 9 28 10.1	−3.291	−0.409	96.2	305 382	9 1606
2117	9.1	37 59.78	2.8970	0.0005	7 35 22.3	3.309	0.416	94.6	227 303	7 1534
2118	*8.5	38 13.89	2.9185	0.0004	6 40 12.4	3.330	0.419	94.1	1* 346	6 1697
2119	8.8	38 16.21	2.8409	0.0006	9 58 27.1	3.333	0.407	95.6	224 378	9 1610
2120	8.4	38 16.51	2.8490	0.0006	9 37 56.4	3.333	0.408	95.1	230 342	9 1609
2121	9.2	6 38 17.38	+2.8888	+0.0005	− 7 56 43.0	−3.335	−0.414	94.6	215 310	7 1535
2122	9.0	38 41.92	2.8405	0.0006	9 59 36.2	3.370	0.406	95.1	224 344	9 1615
2123	*8.4	38 59.01	2.9151	0.0003	6 49 10.7	3.394	0.418	92.6	6* 111	6 1705
2124	9.0	39 3.63	2.8650	0.0005	8 57 24.5[4]	3.401	0.410	93.6 96.4	99 221 411δ	8 1536
2125	9.0	39 11.16	2.8990	0.0004	7 30 48.4	3.412	0.415	93.6	103 227	7 1540
2126	9.0	6 39 14.72	+2.8550	+0.0005	− 9 22 54.7	−3.417	−0.408	95.5	231 305 375	9 1624
2127	8.9	39 15.45	2.8801	0.0004	8 19 19.1	3.418	0.412	93.6	99 228	8 1538
2128	*9.0	39 24.35	2.9102	0.0003	7 1 56.6	3.431	0.417	92.8	8* 108 115	6 1709
2129	8.6	39 27.45	2.9342	0.0002	6 0 14.1	3.435	0.420	93.7	111 232	5 1771
2130	9.1	39 28.74	2.8802	0.0004	8 18 57.7	3.437	0.412	93.6	99 228	8 1539
2131	8.1	6 40 0.91	+2.8573	+0.0005	− 9 17 29.2	−3.483	−0.409	94.7	230 308	9 1629
2132	*8.5	40 36.91	2.9104	0.0003	7 1 56.7	3.535	0.417	92.6	8* 108	6 1724
2133	8.6	40 39.96	2.8436	0.0005	9 52 35.1	3.539	0.406	94.6	224 305	9 1636
2134	*8.5	41 2.20	2.9161	0.0003	6 47 28.8	3.571	0.418	92.4	1* 6* 110	6 1728
2135	7.6	41 7.20	2.9057	0.0003	7 14 1.9	3.578	0.416	94.7	227 310	7 1551
2136	7.5	6 41 44.95	+2.8690	+0.0004	− 8 48 42.9	−3.633	−0.410	94.6	221 309	8 1549
2137	8.7	41 45.86	2.9239	0.0001	6 27 36.2	3.634	0.418	93.7	110 232	6 1734
2138	9.0	41 48.90	2.8922	0.0003	7 49 11.2	3.638	0.413	94.7	227 310	7 1557
2139	*8.3	41 53.17	2.9337	0.0001	6 2 15.0[5]	3.644	0.419	92.6 95.8	10* 111 414δ	5 1797
2140	6.4	41 54.99	2.8410	0.0004	10 0 2.0	3.647	0.405	94.7	230 308	9 1644
2141	8.5	6 42 3.97	+2.8632	+0.0004	− 9 3 27.3	−3.660	−0.409	94.7	230 305	9 1645
2142	8.4	42 11.13	2.8807	0.0003	8 18 40.3	3.670	0.411	93.7	99 213 228	8 1551
2143	9.0	42 14.49	2.8394	0.0004	10 4 1.4	3.675	0.405	94.6	224 308	10 1689
2144	9.3	42 18.63	2.8671	0.0004	8 53 42.4	3.681	0.409	94.7	228 309	8 1553
2145	8.6	42 22.15	2.9374	0.0001	5 52 42.5	3.686	0.419	93.7	108 232	5 1803
2146	9.1	6 42 33.56	+2.8768	+0.0003	− 8 28 58.6	−3.702	−0.411	97.1	374 375	8 1556
2147	8.2	42 38.38	2.8445	0.0004	9 51 12.2	3.709	0.405	95.1	231 342	9 1649
2148	8.9	42 48.59	2.8781	0.0003	8 25 45.3[6]	3.724	0.411	97.1 98.7	374 375 413δ	8 1557
2149	5.0	42 50.57	2.8673	0.0004	8 53 22.0	3.727	0.409	94.6	221 309	8 1558
2150	*8.8	43 9.33	2.8513	0.0004	9 34 0.3	3.754	0.407	94.7	230* 305	9 1652

[1] 46''.1 49''.0 47''.7 [2] Z. 383: 10^m seq. [3] Z. 305: $9^m.1$ nahe, seq. [4] 25''.2 22''.8 25''.6 [5] 13''.7 16''.5 14''.8
[6] 45''.9 43''.3 46''.6

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2151	*8.9	6^h 43^m 12^s.32	+2^s.9281	+0^s.0001	−6° 17′ 1″.3	−3″.758	−0″.418	92.6	1* 101	6° 1740
2152	8.9	43 19.24	2.8487	0.0004	9 40 58.8	3.768	0.406	94.7	231 308	9 1653
2153	8.8	43 24.29	2.8624	0.0004	9 6 6.9	3.775	0.409	95.1	224 344	9 1654
2154	8.3	43 31.99	2.8965	0.0003	7 38 37.8	3.786	0.413	93.6	103 215	7 1567
2155	9.1	43 32.24	2.8746	0.0004	8 34 45.6	3.786	0.410	96.2	309 384	8 1561
2156	8.7	6 43 32.64	+2.8441	+0.0004	−9 52 45.9	−3.787	−0.405	95.1	231 342	9 1655
2157	9.1	43 33.59	2.8499	0.0004	9 38 3.4	3.788	0.406	96.2	308 383	9 1656
2158	9.0	43 36.41	2.8882	0.0003	8 0 4.0	3.792	0.412	94.7	227 310	7 1568
2159	8.9	43 41.52	2.9103	0.0002	7 3 14.4	3.800	0.416	96.2	310 382	7 1569
2160	8.8	43 41.36	2.8955	0.0003	7 41 20.6	3.799	0.413	96.7	349 384	7 1570
2161	9.0	6 43 44.10	+2.8516	+0.0004	−9 33 38.0	−3.803	−0.407	95.6	230 378	9 1657
2162	8.7	43 44.68	2.9043	0.0002	7 18 36.2	3.804	0.415	95.1	227 346	7 1571
2163	*8.8	43 45.12	2.8780	0.0002	8 26 16.9	3.805	0.410	96.6	351* 374	8 1562
2164	9.1	43 53.37	2.9076	0.0001	7 10 18.1	3.817	0.414	94.7	227 310	7 1572
2165	8.7	43 58.60	2.8646	0.0003	9 0 52.9[1]	3.824	0.408	95.6 97.8	228 375 414δ	8 1565
2166	8.5	6 44 1.06	+2.8837	+0.0002	−8 11 54.2	−3.827	−0.410	98.1	221 411	8 1567
2167	8.2	44 14.42	2.8487	0.0004	9 41 23.4	3.847	0.406	96.2	305 383	9 1659
2168	*8.7	44 23.18	2.9253	0.0000	6 24 32.9	3.859	0.417	92.6	8* 108	6 1752
2169	9.0	44 24.51	2.8904	0.0002	7 54 40.0	3.861	0.411	96.7	347 382	7 1575
2170	9.3	44 30.37	2.8974	0.0002	7 36 41.8	3.870	0.413	93.6	103 215	7 1576
2171	9.1	6 44 30.62	+2.9334	0.0000	−6 3 50.9	−3.870	−0.418	93.7	110 232	6 1753
2172	8.2	44 39.31	2.9112	+0.0001	7 1 23.0	3.882	0.415	95.1	101 380	6 1756
2173	8.8	44 39.69	2.9237	0.0000	6 28 57.9	3.883	0.417	95.1	108 380	6 1755
2174	9.0	44 45.03	2.8649	0.0003	9 0 25.0	3.890	0.408	96.1	309 374	8 1572
2175	7.8	44 45.35	2.9048	0.0001	7 17 55.9	3.891	0.414	96.7	348 382	7 1578
2176	8.8	6 44 46.74	+2.8629	+0.0003	−9 5 32.9	−3.893	−0.408	95.1	224 344	9 1666
2177	8.7	44 47.16	2.9312	0.0000	6 9 35.0	3.894	0.418	93.7	110 232	6 1758
2178	9.1	44 49.81	2.8545	0.0003	9 26 52.7	3.897	0.407	96.2	308 383	9 1667
2179	9.2	44 50.01	2.8444	0.0004	9 52 39.8	3.898	0.405	94.7	231 307	9 1668
2180	8.9	44 53.33	2.9284	0.0000	6 16 58.4	3.902	0.417	93.7	111 232	6 1759
2181	8.8	6 44 53.55	+2.8517	+0.0004	−9 34 0.9	−3.903	−0.406	95.5	230 312 378	9 1669
2182	9.2	45 7.14[2]	2.8717	0.0003	8 42 56.8	3.922	0.409	96.2	228 351 393	8 1574
2183	9.2	45 13.85	2.8619	0.0003	9 8 0.5	3.932	0.407	95.1	224 344	9 1671
2184	8.8	45 14.86	2.9192	0.0001	6 40 39.1	3.933	0.416	96.4	111 387 389	6 1760
2185	*8.7	45 17.30	2.9340	0.0000	6 2 25.5	3.937	0.418	94.1	1* 346	5 1821
2186	8.9	6 45 17.90	+2.8959	+0.0002	−7 40 55.9	−3.938	−0.412	94.7	227 310	7 1584
2187	9.2	45 22.07	2.8795	0.0002	8 23 3.2	3.944	0.410	97.5	375 386	8 1576
2188	9.0	45 27.65	2.9264	0.0000	6 21 58.6	3.951	0.417	95.2	108 384	6 1763
2189	8.1	45 27.79	2.9331	0.0000	6 4 38.4	3.952	0.418	93.7	115 232	6 1764
2190	9.1	45 33.22	2.8757	0.0003	8 33 6.5	3.959	0.409	98.1	386 393	8 1577
2191	9.1	6 45 35.33	+2.9096	+0.0001	−7 5 52.5	−3.962	−0.415	97.1	349 388	7 1587
2192	9.2	45 43.68	2.9073	0.0001	7 11 49.5	3.974	0.414	96.7	348 382	7 1591
2193	8.8	45 52.52	2.8699	0.0003	8 47 51.6	3.987	0.409	93.6	104 221	8 1580
2194	6.9	45 53.36	2.8904	0.0002	7 55 29.5	3.988	0.411	95.1	215 347	7 1592
2195	8.9	45 54.84	2.8705	0.0003	8 46 19.8	3.990	0.409	93.6	104 228	8 1581
2196	9.1	6 45 57.08	+2.8657	+0.0003	−8 58 48.3	−3.994	−0.408	96.1	309 374	8 1582
2197	8.9	46 3.51	2.9121	0.0001	6 59 25.5[3]	4.003	0.415	95.1 97.4	101 380 413δ	6 1771
2198	8.9	46 7.04	2.8928	0.0002	7 49 15.3	4.008	0.412	97.1	347 389	7 1594
2199	8.9	46 7.92	2.8511	0.0003	9 36 3.4	4.009	0.406	96.2	307 383	9 1677
2200	8.7	46 14.98	2.8412	0.0003	10 1 27.6	4.019	0.404	94.7	230 305	9 1679

[1] 54″.5 51″.8 52″.5 [2] 7^s.15 7^s.25 7^s.03 [3] 23″.7 26″.5 26″.3

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2201	9.3	6^h 46^m $21^s.68$	$+2^s.9123$	$0^s.0000$	−6° 59′ 1″.4	−4″.029	−0″.415	95.1	101 380	6° 1772
2202	7.3	46 27.81	2.8426	+0.0003	9 58 1.6	4.037	0.404	95.5	230 305 381	9 1680
2203	8.6	46 32.82	2.9345	−0.0001	6 1 30.7	4.045	0.417	95.6	111 387	5 1833
2204	8.7	46 34.56	2.9250	−0.0001	6 26 14.3	4.047	0.416	96.7	346 384	6 1774
2205	9.1	46 37.77	2.8546	+0.0002	9 27 27.8	4.052	0.406	95.5	231 312 375	9 1682
2206	*7.5	6 46 41.93	+2.9155	0.0000	−6 50 54.1	−4.058	−0.415	92.7	15* 110	6 1775
2207	8.9	46 44.75	2.8707	+0.0002	8 46 11.1	4.062	0.408	94.7	228 309	8 1586
2208	8.7	46 44.96	2.8853	+0.0001	8 8 50.8	4.062	0.410	96.6	351 374	8 1585
2209	9.0	46 49.34	2.8554	+0.0002	9 25 40.8	4.068	0.406	95.5	231 312 378	9 1685
2210	9.0	46 56.46	2.9083	0.0000	7 9 45.3	4.078	0.413	94.7	227 310	7 1602
2211	8.8	6 46 57.73	+2.8601	+0.0002	−9 13 37.9	−4.080	−0.406	94.6	224 305	9 1686
2212	8.9	47 4.83	2.9082	0.0000	7 9 58.4	4.090	0.413	95.8	227 349 382	7 1603
2213	9.0	47 6.74	2.9081	0.0000	7 10 8.9	4.093	0.413	97.1	349 391	7 1604
2214	*7.7	47 20.78	2.9272	−0.0001	6 20 43.8	4.113	0.416	92.6	8* 108	6 1787
2215	8.7	47 23.28	2.8558	+0.0002	9 24 44.4[1]	4.117	0.406	95.5	231 307 375	9 1694
2216	8.9	6 47 29.76	+2.9375	−0.0001	−5 54 2.9	−4.126	−0.417	93.7	115 232	5 1846
2217	*9.0	47 34.85	2.9360	−0.0001	5 58 6.7	4.133	0.417	95.1	12* 393	5 1848
2218	8.9	47 40.61	2.8395	+0.0003	10 6 28.5	4.141	0.403	96.2	308 383	10 1737
2219	9.1	47 44.66	2.8388	+0.0003	10 8 16.1	4.147	0.403	96.2	308 383	10 1739
2220	8.8	47 53.29	2.8380	+0.0003	10 10 38.3	4.160	0.403	94.7	230 308	10 1741
2221	8.8	6 47 54.57	+2.8409	+0.0003	−10 3 20.5	−4.161	−0.404	96.7	342 383	9 1697
2222	8.7	48 8.62	2.8449	+0.0003	9 53 9.2	4.181	0.404	96.5	312 378 384	9 1699
2223	8.9	48 12.98	2.8598	+0.0002	9 14 49.3	4.188	0.406	96.6	305 386	9 1700
2224	8.6	48 13.96	2.8434	+0.0003	9 56 47.6	4.189	0.404	96.5	312 378 384	9 1701
2225	8.7	48 15.01	2.8424	+0.0003	9 59 31.2	4.190	0.404	97.1	342 389	9 1702
2226	8.8	6 48 18.33	+2.8973	+0.0001	−7 38 37.1	−4.195	−0.411	93.6	103 215	7 1614
2227	*8.5	48 21.00	2.9208	0.0000	6 37 34.7	4.199	0.415	94.1	1* 346	6 1795
2228	9.5	48 23.60	2.9161	0.0000	6 49 58.0	4.203	0.415	93.7	110 232	6 1796
2229	8.6	48 33.39	2.8524	+0.0002	9 34 3.1	4.217	0.405	97.6	381 394	9 1705
2230	*9.0	48 49.43	2.9158	−0.0001	6 50 59.5	4.240	0.413	92.7	15* 110	6 1799
2231	9.2	6 48 51.59	+2.9134	−0.0001	−6 57 5.6	−4.243	−0.413	95.1	101 380	6 1800
2232	8.5	48 57.98	2.8452	+0.0002	9 52 42.3	4.252	0.403	95.1	224 344	9 1710
2233	7.0	48 59.56	2.8567	+0.0001	9 23 26.7[2]	4.254	0.405	96.1 98.1	231 393 415δ	9 1711
2234	8.7	49 6.83	2.8899	0.0000	7 58 0.9	4.264	0.409	96.7	347 382	7 1620
2235	9.0	49 7.02	2.8629	+0.0001	9 7 28.6	4.265	0.406	97.5	375 386	9 1712
2236	8.7	6 49 9.24	+2.9200	−0.0001	−6 39 56.7	−4.268	−0.414	97.4	346 387 391	6 1802
2237	*8.5	49 9.70	2.9170	−0.0001	6 48 0.4	4.268	0.414	94.2	15* 346	6 1803
2238	9.1	49 12.59	2.8444	+0.0002	9 54 48.1	4.273	0.403	97.1	344 388	9 1714
2239	9.0	49 14.82	2.8445	+0.0002	9 54 44.9	4.276	0.403	97.1	344 388	9 1716
2240	8.6	49 16.84	2.9314	−0.0002	6 10 26.5	4.279	0.415	97.1	378 380	6 1805
2241	8.6	6 49 17.03	+2.9127	−0.0001	−6 59 8.3	−4.279	−0.413	95.2	232 352	6 1804
2242	8.4	49 18.32	2.8739	+0.0001	8 39 27.8	4.281	0.407	94.6	221 309	8 1604
2243	8.9	49 18.88	2.9297	−0.0002	6 14 58.4	4.282	0.415	95.1	108 380	6 1806
2244	9.0	49 19.67	2.8611	+0.0001	9 12 16.3[3]	4.283	0.405	97.5 99.8	375 386 411δ 414δ	9 1717
2245	8.4	49 20.21	2.9379	−0.0002	5 53 38.1	4.283	0.416	96.7	352 381	5 1864
2246	7.7	6 49 25.96	+2.9294	−0.0002	−6 15 50.6	−4.292	−0.415	95.6	108 391	6 1808
2247	8.3	49 26.18	2.9333	−0.0002	6 5 25.8	4.292	0.416	95.6	111 389	6 1807
2248	8.9	49 30.97	2.9061	−0.0001	7 16 16.9	4.299	0.412	95.6	103 396	7 1624
2249	7.6	49 34.35	2.8545	+0.0001	9 29 13.3	4.303	0.405	94.7	230 308	9 1721
2250	8.7	49 35.90	2.8692	+0.0001	8 51 32.5	4.306	0.406	94.7	228 309	8 1610

[1] 45″.2 45″.3 42″.6 [2] 25″.1(½) 27″.2 27″.0 [3] 14″.4 17″.0 18″.0 15″.8

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2251	9.1	6h 49m 45s.96	+2s.8645	+0s.0001	— 9° 3' 40".7	—4".320	—0".406	95.1	231 342	9° 1723
2252	*8.4	49 49.46	2.9241	—0.0002	6 29 38.8	4.325	0.415	98.1	391 393*	6 1812
2253	9.0	49 55.35	2.9298	—0.0002	6 14 54.5	4.333	0.415	97.6	378 387	6 1814
2254	8.8	50 9.08	2.8961	0.0000	7 42 25.0	4.353	0.410	97.7	382 394	7 1628
2255	8.8	50 10.17	2.9199	—0.0001	6 40 50.4	4.355	0.414	97.6	380 395	6 1816
2256	*8.0	6 50 12.30	+2.9237	—0.0001	— 6 30 45.7[1]	—4.358	—0.414	95.2 97.5	14* 393 414δ	6 1817
2257	*9.1	50 12.50	2.8721	+0.0001	8 44 29.1	4.358	0.407	96.2	228 395*	8 1615
2258	7.9	50 19.33	2.8807	0.0000	8 22 19.2	4.368	0.408	96.6	351 374	8 1617
2259	*8.8	50 24.52	2.9137	—0.0001	6 56 59.0	4.375	0.413	92.6	1* 101	6 1821
2260	8.8	50 24.75	2.8420	+0.0002	10 1 46.8	4.375	0.403	96.2	224 395	9 1728
2261	8.6	6 50 25.82	+2.8616	+0.0001	— 9 11 39.0	—4.377	—0.405	96.2	308 381	9 1729
2262	8.0	50 32.00	2.8775	+0.0001	8 30 52.3	4.386	0.407	95.6	228 378	8 1620
2263	8.4	50 36.76	2.8413	+0.0002	10 3 40.3	4.392	0.403	96.2	307 381	10 1756
2264	8.6	50 40.55	2.8539	+0.0002	9 31 19.0	4.398	0.404	97.7	383 394	9 1730
2265	8.1	50 43.34	2.8826	0.0000	8 17 23.3	4.402	0.408	95.2	221 351	8 1625
2266	8.4	6 50 49.99	+2.8406	+0.0002	—10 5 32.4	—4.411	—0.403	96.2	307 383	10 1758
2267	8.3	50 51.77	2.8646	+0.0001	9 3 58.7	4.414	0.406	94.7	231 308	9 1732
2268[2]	8.5	50 52.11	2.8578	+0.0001	9 21 34.6	4.414	0.405	97.1	344 386	9 1733
2269	8.8	50 52.18	2.8702	+0.0001	8 49 44.4	4.414	0.407	96.2	309 384	8 1626
2270	*9.0	51 18.47	2.9130	—0.0001	6 59 17.3	4.452	0.412	92.7	8* 115	6 1831
2271	8.7	6 51 19.06	+2.8799	0.0000	— 8 25 1.8	—4.453	—0.407	95.4	99 351 374	8 1628
2272	8.9	51 23.28	2.8785	0.0000	8 28 35.7	4.459	0.407	97.1	374 378	8 1629
2273	8.9	51 28.06	2.8416	+0.0002	10 3 14.9	4.465	0.402	94.6	224 305	10 1764
2274	9.2	51 29.48	2.8479	+0.0002	9 47 12.2	4.467	0.403	96.2	230 394	9 1735
2275[3]	9.2	51 41.75	2.8397	+0.0001	10 8 19.5	4.485	0.402	97.1 99.6	342 386 411δ 415δ	10 1767
2276	9.4	6 51 43.06	+2.8885	—0.0001	— 8 2 55.8	—4.487	—0.408	96.2	310 382	7 1636
2277	7.5	51 46.74	2.8849	—0.0001	8 12 12.8	4.492	0.407	96.7	350 384	8 1632
2278	*9.1	51 46.96	2.9310	—0.0003	6 12 28.8	4.492	0.414	92.7	12* 110	6 1836
2279	8.6	51 50.66	2.8885	—0.0001	8 3 9.6	4.497	0.408	93.6	103 215	7 1640
2280	8.3	51 53.60	2.8742	0.0000	8 40 5.4	4.502	0.406	95.2	228 353	8 1633
2281	8.8	6 51 57.78	+2.8691	0.0000	— 8 53 5.0	—4.508	—0.405	96.6	309 388	8 1635
2282	9.0	51 59.42	2.8509	+0.0001	9 39 43.9	4.510	0.403	94.7	231 308	9 1739
2283	7.4	52 11.30	2.8886	—0.0001	8 2 51.5	4.527	0.408	93.6	103 215	7 1642
2284	9.0	52 13.65	2.8969	—0.0001	7 41 17.6	4.530	0.409	95.2	227 347	7 1643
2285	8.1	52 21.55	2.8802	—0.0001	8 24 36.5	4.541	0.407	95.1	99 374	8 1639
2286	*8.7	6 52 22.76	+2.9378	—0.0003	— 5 54 56.8	—4.543	—0.415	92.7	14* 101	5 1886
2287	8.5	52 24.03	2.8396	+0.0001	10 8 53.2	4.545	0.402	96.2	307 383	10 1773
2288	8.4	52 25.10	2.8681	0.0000	8 55 56.2	4.546	0.405	96.6	309 389	8 1641
2289	8.6	52 27.42	2.9352	—0.0003	6 1 41.0	4.550	0.415	95.6	111 387	5 1887
2290	8.6	52 31.28	2.9352	—0.0003	6 1 46.9	4.555	0.415	95.6	111 387	5 1889
2291	9.1	6 52 32.44	+2.9094	—0.0002	— 7 8 57.5	—4.557	—0.411	96.2	310 382	7 1644
2292	8.8	52 34.69	2.8442	+0.0001	9 57 30.9	4.560	0.402	96.6	305 389	9 1745
2293	8.7	52 35.04	2.8828	—0.0001	8 17 53.2	4.560	0.407	96.1	104 374 399	8 1644
2294	8.9	52 40.19	2.9058	—0.0002	7 18 24.5	4.568	0.411	97.5	348 391 396	7 1647
2295	8.7	52 47.20	2.8976	—0.0001	7 40 1.8	4.578	0.409	95.2	227 347	7 1649
2296	*8.6	6 53 1.86	+2.9284	—0.0003	— 6 19 46.4	—4.599	—0.413	94.2	15* 346	6 1848
2297	9.0	53 19.14	2.8476	+0.0001	9 49 19.1	4.623	0.402	94.7	230 307	9 1755
2298	8.6	53 19.25	2.8734	0.0000	8 42 50.5	4.623	0.406	96.2	228 351 399	8 1649
2299	7.5	53 20.23	2.8692	0.0000	8 53 37.8	4.625	0.405	94.6	221 309	8 1650
2300	*7.7	53 24.70	2.8391	+0.0001	10 10 54.4	4.631	0.401	96.6	342* 381	10 1787

[1] 43".0(½) 46".4 46".3 [2] 9m.0 nahe, praec., parall. [3] 9m.3 nahe, seq. Austr.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2301	9.4	6h 53m 27s.98	+2s.9044	−0s.0002	− 7° 22′ 23″.5	−4″.636	−0″.410	93.6	103 227	7° 1657
2302	*8.5	53 38.01	2.9275	−0.0003	6 22 27.7	4.650	0.413	94.1	8* 346	6 1855
2303	*8.1	53 40.14	2.8421	+0.0001	10 3 17.6	4.653	0.401	95.5	230* 308* 383	9 1761
2304	*9.0	53 40.16	2.9252	−0.0003	6 28 18.8	4.653	0.413	92.7 95.9	15* 115 416δ	6 1856
2305	8.5	53 40.51	2.8863	−0.0001	8 9 31.2	4.653	0.407	97.2	352 374 398	8 1651
2306	7.6	6 53 45.31	+2.9120	−0.0002	− 7 2 56.1	−4.660	−0.411	93.7	110 232	6 1859
2307	8.8	53 47.52	2.8932	−0.0001	7 51 42.5	4.663	0.408	96.7	349 382	7 1661
2308[1]	...	53 48.13	2.8661	0.0000	9 1 56.0	4.664	0.404	95.2	228 351	8 1652
2309	*8.7	53 52.05	2.9309	−0.0003	6 13 28.9	4.670	0.413	92.7	12* 108	6 1861
2310	[8.7]	53 54.54	2.8425	+0.0001	10 2 34.2	4.673	0.401	94.7	230 308	9 1764
2311	*8.6	6 54 1.15	+2.8621	0.0000	− 9 12 16.8	−4.683	−0.403	95.2	224 353*	9 1765
2312	8.7	54 8.00	2.9136	−0.0002	6 58 46.0	4.692	0.411	93.6	101 232	6 1862
2313	8.2	54 8.68	2.8457	+0.0001	9 54 16.2	4.693	0.401	95.1	231 344	9 1768
2314	*8.6	54 13.03	2.8414	+0.0001	10 5 36.0[2]	4.699	0.401	94.7 97.2	231 308* 414δ	10 1793
2315	8.9	54 15.63	2.9114	−0.0002	7 4 31.1	4.703	0.411	94.7	227 310	7 1664
2316	8.8	6 54 18.91	+2.9138	−0.0002	− 6 58 21.0	−4.708	−0.411	93.6	101 232	6 1863
2317[3]	9.0	54 29.12	2.9100	−0.0002	7 8 19.1	4.722	0.410	94.7	227 310	7 1667
2318	8.3	54 30.58	2.9060	−0.0002	7 18 46.3	4.724	0.410	97.1	348 387	7 1668
2319	8.9	54 37.10	2.9023	−0.0002	7 28 23.8	4.734	0.409	96.7	349 382	7 1672
2320	8.7	54 45.60	2.8884	−0.0001	8 4 51.6	4.746	0.407	94.8	213 221 352	8 1657
2321	8.1	6 54 48.80	+2.8844	−0.0001	− 8 15 8.4	−4.750	−0.406	95.1	99 383	8 1658
2322	8.8	54 48.84	2.8534	+0.0001	9 35 5.8	4.750	0.402	95.1	224 344	9 1774
2323	9.2	54 49.51	2.8586	0.0000	9 21 50.1	4.751	0.403	96.1	305 381	9 1775
2324	9.2	55 11.19	2.8406	0.0000	10 8 4.6	4.782	0.400	94.7	230 307	10 1804
2325	8.9	55 12.92	2.9130	−0.0003	7 0 53.0	4.784	0.410	93.7	108 232	6 1867
2326	*9.1	6 55 13.81	+2.9350	−0.0004	− 6 3 6.2	−4.786	−0.413	92.7	12* 110	5 1907
2327	8.5	55 16.46	2.8750	0.0001	8 39 41.4	4.789	0.405	95.6	104 386	8 1659
2328	8.4	55 18.17	2.8778	0.0001	8 32 26.4	4.792	0.405	96.6	309 386	8 1660
2329	9.4	55 18.47	2.8983	0.0002	7 39 6.7	4.792	0.408	96.7	349 382	7 1683
2330	9.3	55 23.02	2.8905	0.0002	7 59 27.4	4.799	0.407	95.2	227 348	7 1684
2331	*9.3	6 55 24.08	+2.9228	−0.0003	− 6 35 7.9	−4.800	−0.411	92.7	15* 111	6 1869
2332	8.9	55 24.54	2.9131	0.0003	7 0 52.5	4.801	0.410	93.7	108 232	6 1870
2333	*9.0	55 24.84	2.9383	0.0004	5 54 50.6	4.801	0.413	92.7	14* 115	5 1911
2334[4]	...	55 27.04	2.8637	0.0001	9 9 1.9	4.804	0.403	95.2	231 353	9 1780
2335	*6.0	55 35.46	2.8841	0.0002	8 16 2.5	4.816	0.406	95.1	99 384*	8 1662
2336	8.5	6 55 41.42	+2.8735	−0.0001	− 8 43 35.9	−4.825	−0.405	96.6	309 388	8 1664
2337	*8.4	55 49.08	2.9295	0.0004	6 18 12.7	4.836	0.412	94.1	8* 346	6 1872
2338	6.6	55 52.82	2.8658	0.0001	9 3 46.5	4.841	0.404	98.1	228 411	8 1667
2339	8.5	55 57.17	2.8588	0.0001	9 21 42.6	4.847	0.403	96.1	305 381	9 1783
2340	9.0	55 58.65	2.8558	0.0001	9 29 47.6	4.849	0.402	96.2	305 383	9 1784
2341	8.9	6 55 59.15	+2.9183	−0.0003	− 6 47 16.4[5]	−4.850	−0.411	96.6 98.5	346 380 413δ	6 1874
2342	8.6	56 1.83	2.9161	0.0003	6 53 9.0	4.854	0.410	95.1	101 380	6 1875
2343	8.8	56 4.90	2.8801	0.0002	8 26 48.5	4.858	0.406	96.8	351 355 387	8 1668
2344	9.3	56 17.15	2.8429	0.0000	10 3 5.5	4.875	0.400	94.6	224 308	9 1788
2345	8.4	56 20.01	2.8872	0.0002	8 8 45.0	4.879	0.406	96.6	350 374	8 1670
2346	8.8	6 56 28.20	+2.9001	−0.0002	− 7 35 3.3	−4.891	−0.408	96.2	306 382	7 1687
2347	8.2	56 28.59	2.8891	0.0002	8 3 42.9	4.891	0.406	97.1	350 386	8 1672
2348	8.8	56 29.87	2.8683	0.0001	8 57 38.8	4.893	0.403	97.2	309 391 399	8 1674
2349	8.8	56 30.49	2.9362	0.0004	6 0 53.5	4.894	0.413	95.2	110 384	5 1921
2350	8.8	56 32.73	2.8599	0.0001	9 19 20.7	4.897	0.402	96.7	355 383	9 1790

[1] Dpl. med. (9m.0 9m.2) [2] 35″.2 37″.8 35″.0 [3] 9m.3 nahe, Bor. [4] Dpl. med. (9m.0 9m.0) [5] 15″.1 17″.6 16″.4

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2351	8.1	6h 56m 37s.69	+2s.9182	−0s.0003	− 6° 47′ 48″.1	−4″.904	−0″.411	96.6	346 380	6° 1885
2352	9.2	56 38.01	2.8427	0.0000	10 3 56.6	4.905	0.400	95.1	224 342	10 1813
2353	9.1	56 40.60	2.8578	0.0001	9 24 47.3	4.908	0.402	97.1	344 388	9 1794
2354	9.3	56 40.83	2.8410	0.0000	10 8 4.9	4.909	0.400	97.7	378 397	10 1814
2355	*8.5	56 42.05	2.9326	0.0004	6 10 11.3	4.910	0.412	94.2	12* 352	6 1887
2356	8.1	6 56 45.42	+2.8545	0.0000	− 9 33 35.3	−4.915	−0.401	97.2	353 391	9 1796
2357	9.0	56 56.21	2.8472	0.0000	9 52 26.7	4.930	0.400	97.2	355 398	9 1801
2358	8.4	56 59.31	2.9158	−0.0003	6 54 25.0	4.935	0.410	95.6	232 378	6 1889
2359	*8.7	57 7.86	2.9180	0.0003	6 48 33.6	4.947	0.410	94.2	15* 346	6 1891
2360	8.5	57 8.03	2.8607	0.0001	9 17 31.9	4.947	0.402	97.1	344 388	9 1803
2361	9.2	6 57 8.91	+2.9007	−0.0002	− 7 33 38.0	−4.948	−0.407	96.2	310 382	7 1694
2362	8.8	57 9.40	2.8868	0.0002	8 9 57.4	4.949	0.406	95.6	99 389	8 1681
2363	8.2	57 19.92	2.8503	0.0000	9 44 37.2	4.964	0.400	94.7	230 305	9 1804
2364	*8.5	57 26.03	2.8660	0.0001	9 4 0.0	4.974	0.403	94.7 97.2	231 308* 415δ	9 1805
2365	8.6	57 34.18	2.8971	0.0002	7 43 32.1	4.984	0.407	95.2	227 347	7 1695
2366	9.1	6 57 46.71	+2.8636	−0.0001	− 9 10 39.3	−5.002	−0.402	96.7	308 397	9 1807
2367	8.6	57 46.86	2.9189	0.0003	6 46 37.1	5.002	0.410	93.7	111 232	6 1900
2368	9.0	57 48.03	2.8811	0.0002	8 25 17.9	5.004	0.405	94.7	228 309	8 1693
2369	*9.3	57 49.12	2.9280	0.0004	6 22 59.6	5.005	0.411	92.7	12* 115	6 1901
2370	8.3	57 52.15	2.9219	0.0003	6 38 44.2	5.009	0.410	97.8	378 387 398	6 1902
2371	8.9	6 57 53.69	+2.8992	−0.0002	− 7 38 2.7	−5.012	−0.407	95.2	227 349	7 1701
2372[1]	...	57 54.29	2.9112	0.0003	7 6 53.2	5.013	0.409	97.2	348 399	7 1700
2373	8.3	57 54.84	2.9166	0.0003	6 52 40.6	5.013	0.409	95.1	111 380	6 1903
2374	9.0	57 57.84	2.8757	0.0001	8 39 21.1	5.018	0.404	96.5 98.2	104a 393 399	8 1698
2375	8.0	57 57.89	2.8837	0.0002	8 18 26.9	5.018	0.405	95.2	228 353	8 1699
2376	8.8	6 58 1.26	+2.8870	−0.0002	− 8 10 7.1	−5.022	−0.405	95.1	99 374	8 1701
2377	8.8	58 2.56	2.8615	0.0001	9 16 13.6	5.024	0.402	96.1	230 342 394	9 1811
2378	8.9	58 3.79	2.8904	0.0002	8 1 0.4	5.026	0.406	98.1	389a 391 395	7 1704
2379	8.9	58 6.31	2.8873	0.0002	8 9 13.7	5.030	0.405	96.4	99 389 391	8 1703
2380	9.0	58 9.68	2.8862	0.0002	8 12 8.2	5.034	0.405	96.7	350 384	8 1706
2381	8.9	6 58 10.82	+2.8396	0.0000	−10 12 39.3	−5.036	−0.399	94.7	231 305	10 1832
2382	9.4	58 15.94	2.9063	−0.0003	7 19 41.6	5.043	0.408	97.2	349 397	7 1705
2383	9.2	58 18.08	2.9040	0.0003	7 25 55.5[2]	5.046	0.408	96.7 99.4	310 398 413δ 414δ	7 1706
2384	8.1	58 18.83	2.9197	0.0003	6 44 38.1	5.047	0.410	95.1	108 380	6 1904
2385	9.1	58 26.99	2.8826	0.0003	8 21 33.8	5.059	0.405	97.1	378 381	8 1711
2386	8.9	6 58 27.34	+2.8576	−0.0002	− 9 26 29.7	−5.059	−0.401	96.7	354 383	9 1814
2387	8.4	58 32.75	2.8583	0.0002	9 24 49.6	5.067	0.401	96.7	354 383	9 1816
2388[3]	9.1	58 40.10	2.8837	0.0003	8 18 53.5	5.077	0.405	97.6	378 391	8 1714
2389	9.0	58 40.89	2.9247	0.0004	6 31 40.7	5.078	0.410	95.7	110 398	6 1908
2390	*8.1	58 43.36	2.9191	0.0004	6 46 17.7	5.082	0.410	92.7	15* 108	6 1911
2391	9.1	6 58 48.93	+2.8979	−0.0003	− 7 41 58.1	−5.090	−0.406	96.2	306 382	7 1712
2392	9.2	59 7.63	2.9136	0.0004	7 1 5.1	5.116	0.408	97.1	346 389	6 1914
2393	6.7	59 12.96	2.8454	0.0001	9 58 34.2	5.124	0.398	94.7	231 307	9 1818
2394	8.9	59 21.57	2.8972	0.0003	7 44 15.4	5.136	0.406	95.2	227 347	7 1716
2395	8.9	59 23.69	2.8566	0.0002	9 29 42.9	5.139	0.400	95.1	230 342	9 1823
2396	8.4	6 59 25.30	+2.8418	−0.0001	−10 8 2.7	−5.141	−0.398	96.6	305 386	10 1846
2397	*9.2	59 27.78	2.9393	0.0005	5 53 43.5	5.145	0.411	92.7	12* 115	5 1946
2398	8.4	59 35.27	2.8691	0.0002	8 57 21.8	5.155	0.402	94.7	228 309	8 1725
2399[4]	9.1	59 42.93	2.9111	0.0004	7 7 51.9	5.166	0.408	96.7	349 382	7 1719
2400	7.7	59 44.99	2.8845	0.0003	8 17 30.4	5.169	0.404	96.6	350 374	8 1726

[1] Z. 348: 9^m2, Z. 399: Dpl. med. (9^m3 9^m3) [2] 53″7 57″2 55″8 55″2 [3] Dpl. praec. [4] Z. 349: Dpl. seq., com. 9^m3

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2401	*8.8	$6^h\ 59^m\ 47^s.40$	+2.9210	−0.0004	− 6° 42′ 3″.7	−5.172	−0.409	92.7	15* 111	6° 1918
2402	8.7	59 52.71	2.8752	0.0002	8 41 48.5	5.180	0.403	95.1	104 381	8 1729
2403	8.8	59 58.35	2.8447	0.0001	10 0 54.3	5.187	0.398	96.6	307 386	9 1827
2404	8.8	7 0 2.76	2.8883	0.0003	8 7 39.6[1]	5.194	0.405	96.2 98.2	309 384 416δ	8 1730
2405	8.7	0 10.60	2.8843	0.0003	8 18 3.8	5.205	0.404	96.6	351 374	8 1732
2406[2]	9.0	7 0 18.08	+2.9016	−0.0003	− 7 33 14.8	−5.215	−0.406	95.2	227 348	7 1726
2407	*8.8	0 27.85	2.9111	0.0004	7 8 9.4	5.229	0.408	93.7	8* 14* 113 382	7 1728
2408	9.1	0 29.73	2.9128	0.0004	7 3 44.5	5.232	0.408	95.8	101 378 380	6 1921
2409	9.1	0 30.60	2.9110	0.0004	7 8 38.6	5.233	0.408	97.7	113 414	7 1729
2410	8.6	0 32.68	2.8465	0.0001	9 56 44.1	5.236	0.398	94.7	231 305	9 1832
2411	8.0	7 0 32.73	+2.8918	−0.0003	− 7 58 55.8	−5.236	−0.405	95.1	103 383	7 1731
2412	9.0	0 38.07	2.8716	0.0002	8 51 29.5	5.244	0.402	95.2 97.5	228 352 415δ	8 1733
2413	9.1	0 46.33	2.8460	0.0001	9 57 58.0	5.255	0.398	94.7	231 307	9 1833
2414	8.0	0 47.47	2.8781	0.0002	8 34 38.1	5.257	0.403	96.2	309 381	8 1734
2415	8.8	0 57.02	2.8574	0.0002	9 28 42.0	5.270	0.400	94.6	220 308	9 1835
2416	8.4	7 1 3.01	+2.8764	−0.0002	− 8 39 18.2	−5.278	−0.402	95.2	104 383	8 1737
2417	8.8	1 14.18	2.8821	0.0003	8 24 24.2	5.294	0.403	93.6	99 221	8 1739
2418	8.8	1 14.89	2.9265	0.0006	6 28 16.2	5.295	0.409	95.1	110 380	6 1925
2419	8.7	1 23.90	2.8656	0.0002	9 7 44.4	5.308	0.400	96.2	224 344 398	9 1842
2420	8.4	1 27.94	2.8451	0.0001	10 0 48.7	5.314	0.397	94.7	230 305	9 1844
2421	9.0	7 1 34.67	+2.9365	−0.0006	− 6 2 13.8	−5.323	−0.410	93.7	108 232	5 1965
2422	8.9	1 41.16	2.8706	0.0003	8 54 46.9	5.332	0.401	95.4	228 302 378	8 1744
2423	7.9	1 43.84	2.8440	0.0002	10 3 55.5	5.336	0.397	95.1	230 342	10 1871
2424	9.3	1 58.45	2.8455	0.0002	10 0 8.5	5.356	0.397	95.1	220 353	9 1848
2425	9.0	1 59.88	2.9123	0.0005	7 5 54.7	5.359	0.407	95.2	115 382	7 1741
2426[3]	8.6	7 2 5.99	+2.9053	−0.0005	− 7 24 9.6	−5.367	−0.406	95.1	103 383	7 1742
2427	9.1	2 7.28	2.8480	0.0002	9 53 38.0	5.369	0.397	95.1	224 344	9 1851
2428	9.0	2 8.68	2.8538	0.0002	9 38 35.7	5.371	0.398	96.2	307 381	9 1852
2429	8.6	2 10.89	2.9010	0.0004	7 35 29.2	5.374	0.405	94.6	227 306	7 1745
2430	*9.0	2 16.62	2.9172	0.0005	6 53 11.5	5.382	0.407	92.7	15* 111	6 1931
2431	9.1	7 2 24.63	+2.8698	−0.0003	− 8 57 21.5	−5.393	−0.401	94.6	228 302	8 1748
2432	8.8	2 28.53	2.8800	0.0003	8 30 51.9	5.399	0.402	94.1	99 213 309	8 1749
2433	*8.2	2 34.87	2.9386	0.0006	5 56 43.5	5.408	0.410	94.1	12* 101 378	5 1975
2434	*8.7	2 34.91	2.8590	0.0003	9 25 39.2	5.408	0.399	96.2	308 384*	9 1853
2435	7.5	2 36.75	2.8497	0.0002	9 49 46.4	5.410	0.398	94.7	230 305	9 1854
2436	8.7	7 2 39.63	+2.8999	−0.0004	− 7 38 39.1	−5.414	−0.405	94.6	227 306	7 1748
2437	9.0	2 42.62	2.9042	0.0005	7 27 28.3	5.419	0.406	97.1	348 386	7 1749
2438	8.8	2 43.92	2.8694	0.0003	8 58 35.0	5.420	0.401	96.1	302 374	8 1751
2439	8.8	2 45.95	2.9038	0.0005	7 28 35.1	5.423	0.406	96.7	349 383	7 1751
2440	8.5	2 50.96	2.8708	0.0003	8 55 1.9	5.430	0.401	96.1	309 374	8 1753
2441	8.8	7 2 53.96	+2.8960	−0.0004	− 7 49 16.2	−5.434	−0.405	96.7	347 382	7 1754
2442	*9.4	2 59.85	2.9156	0.0005	6 57 38.2	5.443	0.407	92.7	14* 108	6 1935
2443	9.1	3 8.38	2.8415	0.0002	10 11 18.1	5.455	0.396	94.7	231 307	10 1880
2444	9.1	3 14.01	2.8952	0.0004	7 51 11.6	5.463	0.403	96.2	310 384	7 1756
2445	8.9	3 25.74	2.8503	0.0002	9 48 42.9	5.479	0.397	94.7	230 305	9 1858
2446	8.9	7 3 32.87	+2.8427	−0.0002	−10 8 48.2	−5.489	−0.396	94.7	231 308	10 1886
2447	8.7	3 38.39	2.8702	0.0003	8 57 11.2	5.497	0.400	94.6	221 302	8 1758
2448	9.2	3 39.64	2.9267	0.0006	6 28 38.6	5.499	0.408	92.7	15 113	6 1940
2449	8.7	3 58.43	2.8873	0.0004	8 12 37.4	5.525	0.402	97.1	309 388 391	8 1759
2450	8.4	4 0.97	2.8803	0.0003	8 31 3.9	5.528	0.401	95.1	104 374	8 1761

[1] 38″.4 41″.1 39″.3 [2] Z. 227: Dpl. seq., com. $9^m.3$ [3] Z. 383: rötlich

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2451	9.5	7^h 4^m $1^s.69$	$+2^s.8804$	$-0^s.0003$	$-8°30'51''.2$	$-5''.529$	$-0''.401$	95.1	104 374	8° 1761 II
2452	8.6	4 11.78	2.8972	0.0004	7 46 48.4	5.544	0.404	96.2	310 381	7 1768
2453	8.7	4 17.13	2.9010	0.0005	7 36 46.5	5.551	0.404	94.6	227 306	7 1770
2454	*8.9	4 20.60	2.9310	0.0007	6 17 48.8	5.556	0.408	92.7	12* 115	6 1947
2455	9.0	4 21.30	2.8440	0.0002	10 5 46.1	5.557	0.396	94.7	231 308	10 1890
2456	*8.8	7 4 23.34	+2.9170	−0.0006	− 6 54 36.6	−5.560	−0.406	92.7 95.8	14* 108 415δ	6 1948
2457	8.9	4 29.29	2.8685	0.0003	9 2 11.4	5.568	0.400	96.7	351 382	8 1763
2458	7.3	4 31.75	2.8894	0.0004	8 7 26.2	5.571	0.403	95.2	228 352	8 1762
2459[1]	...	4 33.03	2.8887	0.0004	8 9 18.9	5.573	0.403	96.5	309 383 384	8 1764
2460	8.9	4 34.40	2.9339	0.0007	6 10 13.4	5.575	0.408	93.6	101 232	6 1952
2461	6.3	7 4 36.11	+2.8420	−0.0002	−10 11 11.1	−5.578	−0.396	94.7	231 308	10 1892
2462	9.1	4 36.62	2.9027	0.0005	7 32 35.5	5.578	0.404	95.2	227 348	7 1773
2463	8.7	4 41.48	2.9248	0.0006	6 34 19.8	5.585	0.407	95.2	232 346	6 1954
2464	*8.5	4 46.51	2.9155	0.0006	6 59 2.4	5.592	0.406	92.7	8* 113	6 1955
2465	8.9	5 1.69	2.8690	0.0004	9 0 56.9	5.614	0.399	96.7	351 382	8 1768
2466	8.6	7 5 4.89	+2.8887	−0.0005	− 8 9 30.0	−5.618	−0.402	94.6	228 302	8 1769
2467	8.6	5 15.25	2.9138	0.0006	7 3 43.4	5.632	0.405	96.6	346 380	6 1958
2468[2]	8.9	5 19.27	2.9352	0.0007	6 6 58.7	5.638	0.408	93.7	115 232	6 1962
2469	*8.7	5 20.13	2.9320	0.0007	6 15 35.7	5.639	0.407	94.2	12* 354	6 1961
2470	8.4	5 24.89	2.8655	0.0004	9 10 27.0	5.646	0.398	94.7	229 305	9 1880
2471	9.1	7 5 27.57	+2.9178	−0.0006	− 6 53 11.8	−5.650	−0.405	95.2	108 383	6 1965
2472	8.1	5 29.43	2.8661	0.0004	9 8 58.3	5.652	0.398	94.7	229 305	9 1881
2473	7.6	5 43.39	2.8992	0.0005	7 42 29.7	5.672	0.403	96.1	306 381	7 1783
2474	7.8	5 45.57	2.8466	0.0003	10 0 4.2	5.675	0.395	94.7	230 307	9 1884
2475	9.3	5 57.87	2.9224	0.0006	6 41 20.5	5.692	0.406	95.2	113 380	6 1967
2476	7.6	7 6 0.49	+2.8658	−0.0004	− 9 10 20.3	−5.696	−0.398	94.7	229 305	9 1887
2477	*8.6	6 2.09[3]	2.9338	0.0007	6 11 5.6	5.698	0.407	94.2 95.1	15*α 101 384	6 1968
2478	8.8	6 8.64	2.8631	0.0004	9 17 17.3	5.707	0.398	94.7	230 307	9 1890
2479	8.7	6 11.11	2.8545	0.0003	9 39 56.0	5.711	0.396	94.7 97.2	231 308 416δ	9 1891
2480	8.6	6 20.89	2.9032	0.0006	7 32 21.9	5.724	0.403	94.6	227 306	7 1790
2481	7.6	7 6 25.67	+2.8705	−0.0004	− 8 58 8.9	−5.731	−0.399	94.6	221 302	8 1779
2482	*8.8	6 26.08	2.9203	0.0007	6 47 12.4	5.732	0.406	92.6	8* 111	6 1973
2483	8.8	6 30.41	2.8668	0.0004	9 8 7.1	5.738	0.398	95.2	229 351	9 1895
2484	9.1	6 32.02	2.8923	0.0005	8 1 3.8	5.740	0.402	96.7	348 381	7 1792
2485	*8.9	7 1.70	2.9317	0.0008	6 17 6.2	5.781	0.406	93.8	12* 115 346	6 1979
2486	8.7	7 7 1.78	+2.9292	−0.0008	− 6 23 46.2	−5.781	−0.406	95.1	110 380	6 1978
2487[4]	...	7 2.61	2.9049	0.0006	7 28 3.6	5.783	0.403	95.2	227 347	7 1797
2488	*9.1	7 7.50	2.9312	0.0008	6 18 20.7	5.789	0.406	95.5	15* 353 399	6 1980
2489	9.2	7 7.54	2.9316	0.0008	6 17 24.5	5.789	0.406	96.2	115 382 399	6 1981
2490	9.0	7 10.19	2.8706	0.0004	8 58 31.8	5.793	0.398	94.6	228 302	8 1785
2491	8.8	7 7 11.69	+2.8826	−0.0005	− 8 27 7.6	−5.795	−0.400	94.6	213 309	8 1786
2492	9.0	7 24.50	2.8524	0.0003	9 46 2.7	5.813	0.395	94.6	220 307	9 1901
2493	8.3	7 25.83	2.8794	0.0004	8 35 29.6	5.815	0.399	93.6	104 231	8 1790
2494	*9.0	7 31.98	2.9274	0.0008	6 28 56.1	5.824	0.406	92.7	14* 107	6 1982
2495	9.0	7 33.96	2.9142	0.0007	7 3 57.0	5.826	0.404	95.2	232 352	6 1983
2496	8.9	7 7 37.90	+2.9297	−0.0008	− 6 22 41.6	−5.832	−0.406	96.7	353 380	6 1984
2497	8.4	7 38.56	2.8919	0.0005	8 2 41.0	5.833	0.401	96.2	310 381	7 1802
2498	8.7	7 40.25	2.9246	0.0007	6 36 13.6	5.835	0.405	95.2	113 383	6 1985
2499	8.8	7 41.71	2.8475	0.0003	9 59 15.9	5.837	0.394	94.6	224 305	9 1903
2500	8.5	7 43.10	2.8807	0.0004	8 32 25.5	5.839	0.399	93.6	104 228	8 1794

[1] Dpl. med., Z. 309: $8^m.7$ $9^m.1$ [2] $9^m.2$ seq. 1^s, parall. [3] $1^s.99$ $2^s.08$ $2^s.20$
[4] Z. 227: $8^m.9$ Dpl.? med., Z. 347: Dpl. med.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
2501	8.8	7h 7m 49s.40	+2s.8547	−0s.0003	− 9° 40′ 38″.3	−5″.848	−0″.395	94.6	220 308	9° 1905
2502	8.0	7 57.80	2.9162	0.0007	6 58 50.8	5.860	0.405	93.7	108 232	6 1989
2503	9.2	8 1.40	2.8580	0.0003	9 32 7.1	5.865	0.396	94.7	230 308	9 1906
2504	9.0	8 7.55	2.8987	0.0006	7 45 6.6	5.873	0.402	96.2	310 383	7 1808
2505	8.8	8 10.44	2.8944	0.0005	7 56 32.4	5.877	0.401	94.6	227 306	7 1810
2506	8.9	7 8 11.31	+2.9164	−0.0007	− 6 58 24.9	−5.878	−0.405	93.7	108 232	6 1991
2507	9.2	8 23.81	2.9362	0.0008	6 5 50.6	5.896	0.407	97.1	378 382	6 1993
2508	*8.7	8 27.95	2.9325	0.0008	6 15 54.3	5.902	0.406	92.6	12* 101	6 1994
2509	8.7	8 28.46	2.9060	0.0007	7 26 8.7	5.902	0.403	96.1	111 381 393	7 1811
2510	7.6	8 33.13	2.8774	0.0005	8 41 34.9	5.909	0.399	94.6	221 302	8 1802
2511	8.4	7 8 54.81	+2.8761	−0.0005	− 8 45 17.5	−5.939	−0.398	94.6	221 302	8 1805
2512	*9.0	8 57.91	2.9184	0.0008	6 53 23.4	5.943	0.404	92.6	8* 110	6 2000
2513	9.1	9 2.35	2.8618	0.0005	9 22 55.2	5.950	0.395	94.6	224 307	9 1911
2514	*8.8	9 3.18	2.9278	0.0009	6 28 41.4	5.951	0.405	92.7	14* 107	6 2001
2515	9.3	9 4.01	2.9256	0.0008	6 34 30.6	5.952	0.404	96.5	352 353 380	6 2002
2516	9.2	7 9 6.10	+2.9362	−0.0009	− 6 6 9.9[1]	−5.955	−0.406	00.1	391 411	6 2003
2517	7.9	9 9.80	2.8641	0.0005	9 17 4.6	5.960	0.396	94.7	229 305	9 1912
2518	8.5	9 22.93	2.8686	0.0005	9 5 7.7	5.978	0.397	95.1	220 312 342	9 1916
2519	8.8	9 23.05	2.8875	0.0006	8 15 23.9	5.978	0.399	95.8	228 309 398	8 1810
2520	9.2	9 27.38	2.8609	0.0005	9 25 24.5	5.984	0.395	94.5	224 229 307	9 1918
2521	8.6	7 9 28.11	+2.9082	−0.0007	− 7 20 51.1	−5.985	−0.402	94.7	227 310	7 1821
2522	8.8	9 30.08	2.9114	0.0008	7 12 15.2	5.988	0.402	96.7	347 381	7 1822
2523	6.0	9 30.29	2.8529	0.0004	9 46 33.2	5.988	0.394	94.7	230 305	9 1921
2524	9.2	9 32.31	2.9376	0.0009	6 2 44.9	5.991	0.406	93.7	113 232	5 2032
2525	8.8	9 35.57	2.9069	0.0007	7 24 17.8	5.996	0.402	95.1	111 227 393	7 1823
2526	6.3	7 9 43.88	+2.8445	−0.0004	−10 8 38.6	−6.007	−0.393	94.7	230 308	10 1933
2527	8.9	9 48.98	2.8451	0.0004	10 7 13.1	6.014	0.393	94.6	220 308	10 1934
2528	*9.0	9 51.75	2.9283	0.0008	6 27 52.3	6.018	0.405	92.7	14* 101	6 2009
2529	9.0	9 52.50	2.8769	0.0005	8 43 55.0	6.019	0.398	94.6	231 302	8 1813
2530	8.7	9 54.39	2.8547	0.0004	9 42 21.2	6.022	0.394	94.7	230 305	9 1928
2531	9.1	7 10 2.54	+2.8780	−0.0005	− 8 41 5.7	−6.033	−0.398	96.6	349 374	8 1817
2532	8.9	10 4.65	2.9126	0.0008	7 9 29.9	6.036	0.403	96.7	347 381	7 1828
2533	9.1	10 7.37	2.8733	0.0005	8 53 32.1	6.040	0.397	95.2	228 349	8 1818
2534	8.3	10 8.84	2.9047	0.0007	7 30 25.8	6.042	0.401	96.2	306 383	7 1829
2535	9.0	10 11.58	2.9191	0.0008	6 52 30.4[2]	6.046	0.403	95.1 96.1	17δ 108 380 413δ	6 2013
2536	9.0	7 10 13.74	+2.8480	−0.0004	− 9 59 49.1	−6.049	−0.393	95.1 97.5	229 342 415δ	9 1935
2537	8.8	10 36.22	2.8903	0.0006	8 8 59.0	6.080	0.400	96.8	309 374 398	8 1820
2538	*8.4	10 40.68	2.9183	0.0008	6 54 45.6	6.086	0.403	92.6	8* 108	6 2016
2539	9.2	10 41.82	2.9094	0.0007	7 18 21.2	6.088	0.402	94.6	218 310	7 1835
2540	*9.0	11 0.80	2.9258	0.0008	6 34 53.7	6.114	0.403	92.7	15* 110	6 2019
2541	*8.7	7 11 0.95	+2.9296	−0.0009	− 6 24 57.0	−6.114	−0.404	93.8	14* 101 355	6 2018
2542	9.0	11 3.60	2.8772	0.0005	8 43 59.1	6.118	0.397	95.2 97.5	231 351 416δ	8 1821
2543	9.4	11 4.66	2.8827	0.0006	8 29 10.0	6.120	0.398	93.6	104 228	8 1822
2544	9.1	11 8.49	2.9164	0.0008	7 0 1.1	6.125	0.402	95.8 94.2	17δ 115 380a 383	6 2021
2545[3]	8.8	11 19.88	2.8691	0.0005	9 5 37.6	6.141	0.396	94.7	230 305	9 1947
2546[4]	...	7 11 22.89	+2.9299	−0.0009	− 6 24 25.3	−6.145	−0.404	93.8	15 101 355	6 2024
2547	8.5	11 23.66	2.9006	0.0007	7 42 15.7	6.146	0.400	94.6	227 306	7 1844
2548	8.6	11 29.56	2.8783	0.0005	8 41 20.2	6.154	0.397	95.1	221 302 351	8 1825
2549	8.7	11 31.03	2.9214	0.0008	6 46 58.5	6.156	0.403	95.2	232 346	6 2025
2550	*9.2	11 48.42	2.9389	0.0010	6 0 26.3	6.180	0.405	92.7	12* 113	5 2048

[1] 8″.5 11″.3 [2] 30″.5 28″.6 31″.6 31″.0 [3] Dpl. maj., com. seq.
[4] Z. 15: 9m.1, Z. 101: 9m.2, Z. 355: Dpl. (8m.8, 8m.8) ? med.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
2551	9.1	7^h 12^m $0^s.60$	+$2^s.9356$	−$0^s.0010$	− 6° 9′ 23″.9	−6″.197	−0″.405	95.1	107 382	6° 2028 I
2552	9.1	12 1.48	2.9357	0.0010	6 9 11.7	6.198	0.405	95.1	107 382	6 2028 II
2553	8.8	12 2.58	2.9197	0.0009	6 51 53.3	6.200	0.402	96.6	346 381	6 2029
2554	9.0	12 5.28	2.9163	0.0009	7 0 41.1	6.204	0.402	95.2	115 380	6 2030
2555	8.2	12 7.08	2.9087	0.0008	7 20 55.8	6.206	0.401	94.6	218 306	7 1851
2556	8.3	7 12 7.30	+2.8588	−0.0005	− 9 33 12.3	−6.207	−0.394	94.6	220 305	9 1953
2557	8.4	12 7.53	2.9378	0.0010	6 3 36.7	6.207	0.405	93.7	111 232	5 2050
2558	8.3	12 11.63	2.8815	0.0006	8 33 21.5	6.213	0.397	93.7	104 213 221	8 1828
2559	8.7	12 11.72	2.9239	0.0009	6 40 25.1	6.213	0.403	95.2 94.2	17*a* 110 383	6 2031
2560	8.9	12 20.94	2.8926	0.0007	8 4 10.5	6.225	0.399	95.8	227 310 393	7 1855
2561	8.7	7 12 22.87	+2.8468	−0.0004	−10 4 43.5	−6.228	−0.392	94.7	229 307	10 1963
2562	9.0	12 31.06	2.8745	0.0006	8 52 4.1	6.240	0.396	96.8	302 374 398	8 1830
2563	*6.5	12 39.13	2.9280	0.0009	6 30 3.5	6.251	0.402	92.7	14* 101	6 2032
2564	8.4	13 18.66	2.8641	0.0006	9 20 10.9	6.305	0.394	95.9	230 305 342 391	9 1964
2565	*9.2	13 21.12	2.9181	0.0009	6 56 57.6	6.309	0.401	92.7	12* 107	6 2035
2566	9.1	7 13 27.06	+2.8480	−0.0005	−10 2 41.8[1]	−6.317	−0.391	94.6 97.1	220 307 414δ	9 1965
2567	8.6	13 27.95	2.8895	0.0007	8 12 55.1	6.318	0.397	94.7	228 309	8 1832
2568	9.1	13 40.82	2.8867	0.0007	8 20 35.3	6.336	0.397	94.7	228 309	8 1834
2569	9.0	13 41.09	2.9023	0.0008	7 39 18.1	6.336	0.399	95.2	227 310 348	7 1870
2570	8.9	13 41.48	2.8525	0.0005	9 51 10.7	6.337	0.391	94.7	229 308	9 1968
2571	8.1	7 13 48.01	+2.9080	−0.0008	− 7 23 59.5	−6.346	−0.400	94.6	227 306	7 1873
2572	8.9	13 48.25	2.9111	0.0008	7 15 47.7	6.346	0.400	93.6	113 218	7 1872
2573	*7.9	13 53.55	2.8732	0.0006	8 56 32.5	6.354	0.395	95.1	221* 302 350	8 1836
2574	9.2	14 3.32[2]	2.9093	0.0008	7 20 40.5[3]	6.367	0.400	96.4	115 218 411	7 1876
2575	8.4	14 4.84	2.8989	0.0007	7 48 26.8	6.369	0.399	95.2	111 381	7 1879
2576	8.8	7 14 33.24	+2.9050	−0.0008	− 7 32 45.4	−6.408	−0.398	96.6	346 381	7 1885
2577	7.4	14 34.05	2.8812	0.0006	8 35 58.5	6.410	0.395	93.6	104 231	8 1839
2578	8.7	14 54.38	2.8593	0.0005	9 34 12.6	6.438	0.392	95.5	229 305 384	9 1986
2579	8.7	15 1.57	2.8721	0.0007	9 0 24.0[4]	6.448	0.394	95.9	302 350 351 357	8 1843
2580	8.7	15 7.27	2.9014	0.0009	7 42 20.9	6.456	0.398	94.7	227 310	7 1889
2581	9.1	7 15 10.27	+2.9058	−0.0009	− 7 30 50.8	−6.460	−0.398	96.2	306 383	7 1891
2582	9.0	15 12.53	2.8468	0.0005	10 7 15.6	6.463	0.390	94.6	220 307	10 1991
2583	*8.9	15 19.14	2.9392	0.0011	6 1 32.4	6.472	0.403	92.7	14* 108	5 2072
2584	7.7	15 19.24	2.9409	0.0011	5 57 9.5	6.472	0.403	92.7	15 108	5 2073
2585	8.8	15 27.41	2.8840	0.0008	8 28 56.3	6.483	0.395	95.2	228 349	8 1848
2586	7.2	7 15 30.26	+2.8868	−0.0008	− 8 21 51.6	−6.487	−0.396	93.6	105 221	8 1849
2587	*9.1	15 32.63	2.9350	0.0011	6 12 56.8	6.491	0.402	94.2 93.7	12* 17δ 110 380	6 2056
2588	8.2	15 36.44	2.8915	0.0008	8 9 9.8	6.496	0.397	96.1	302 374	8 1850
2589	*8.0	15 37.15	2.9305	0.0011	6 24 57.1	6.497	0.402	92.6	8* 101	6 2057
2590	8.8	15 47.73	2.8620	0.0006	9 27 41.2	6.511	0.392	94.7	230 308	9 1992
2591	8.6	7 15 52.00	+2.8846	−0.0008	− 8 27 49.6	−6.517	−0.395	96.5	309 374 378	8 1855
2592	8.3	15 54.12	2.8898	0.0008	8 14 4.3	6.520	0.395	96.1	302 382	8 1856
2593	*7.5	15 55.95	2.9410	0.0011	5 56 55.5	6.523	0.403	92.7	14* 107	5 2075
2594	9.0	15 57.66	2.9112	0.0009	7 17 7.8	6.525	0.398	96.7	347 382	7 1899
2595	9.2	16 4.03	2.9097	0.0009	7 21 3.6[5]	6.534	0.398	95.2 98.6	115 381 413δ 414δ	7 1900
2596	8.6	7 16 5.71	+2.8581	−0.0006	− 9 38 2.5	−6.536	−0.391	94.6	220 305	9 1994
2597	9.0	16 10.48	2.9084	0.0009	7 24 29.4	6.543	0.398	96.2	310 383	7 1905
2598	8.0	16 14.76	2.8739	0.0007	8 56 39.8	6.549	0.393	96.2	351 357	8 1858
2599	9.1	16 26.38	2.9374	0.0011	6 7 8.9	6.565	0.402	95.2 94.2	17δ 113 380	6 2064
2600	6.6	16 28.74	2.8798	0.0007	8 41 9.0	6.568	0.394	95.2	231 349	8 1862

[1] 43″.1 40″.6 41″.6 [2] 3ˢ.16 3ˢ.37 3ˢ.43 [3] 41″.2 38″.9 41″.4 [4] 24″.3 22″.8 25″.4 23″.5 [5] 4″.9 2″.4 4″.8 2″.2

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2601	8.6	7h 16m 32s.39	+2s.9133	−0s.0010	− 7° 11′ 42″.0	−6″.573	−0″.398	96.6	310 391	7° 1908
2602	8.7	16 34.45	2.9243	0.0010	6 42 11.1	6.576	0.400	93.7	111 232	6 2065
2603	9.0	16 37.31	2.9353	0.0011	6 12 43.2	6.580	0.401	95.2	232 353	6 2067
2604[1]	9.1	16 40.35	2.9174	0.0010	7 0 54.8	6.584	0.399	97.1	346 391	6 2069
2605	9.1	16 47.54	2.8698	0.0007	9 7 54.1	6.594	0.393	96.2	308 383	9 1998
2606	9.0	7 16 56.38	+2.9292	−0.0011	− 6 29 4.4	−6.606	−0.401	96.7	353 380	6 2072
2607	*8.5	16 56.59	2.9416	0.0011	5 55 49.6	6.606	0.402	94.2	15* 346	5 2083
2608	9.0	16 59.92	2.8682	0.0007	9 12 29.1	6.611	0.392	96.2	308 383	9 1999
2609	*9.1	17 13.30	2.9302	0.0011	6 26 52.1	6.629	0.401	94.2	8* 352	6 2074
2610	*8.4	17 14.09	2.9415	0.0011	5 56 9.5	6.630	0.402	94.2	14* 346	5 2087
2611	**6.6**	**7 17 14.33**	**+2.8776**	−0.0007	**− 8 47 24.5**	**−6.631**	−0.394		**Fund. Cat.**	**8 1872**
2612	9.1	17 18.33	2.9160	0.0010	7 5 5.0	6.636	0.399	95.2	232 354	6 2076
2613	8.9	17 38.48	2.8498	0.0006	10 1 35.8	6.664	0.389	94.6	220 305	9 2005
2614	8.8	17 39.56	2.9278	0.0010	6 33 24.7	6.665	0.399	95.2 94.2	17δ 115 380	6 2078
2615	*8.6	17 39.70	2.8764	0.0007	8 50 56.2	6.666	0.393	95.4	228* 302 374	8 1874
2616	9.0	7 17 50.41	+2.8494	−0.0006	−10 2 49.4	−6.680	−0.389	94.6	220 305	9 2007
2617	8.3	17 51.76	2.8766	0.0007	8 50 49.3	6.682	0.393	94.6	228 302	8 1875
2618	7.3	18 2.17	2.8632	0.0007	9 26 17.5	6.697	0.391	95.7	307 357	9 2011
2619	9.2	18 3.53	2.9009	0.0008	7 45 58.9	6.698	0.396	95.2	227 349	7 1922
2620	*8.9	18 8.24	2.9201	0.0010	6 54 12.1	6.705	0.398	92.7	15* 111	6 2083
2621	9.0	7 18 20.09	+2.8543	−0.0006	− 9 50 14.8	−6.721	−0.389	94.7	229 308	9 2014
2622	8.8	18 29.89	2.8635	0.0007	9 25 57.1	6.735	0.391	95.7	307 357	9 2018
2623	8.2	18 30.21	2.8535	0.0006	9 52 26.8	6.735	0.389	95.2	231 350	9 2020
2624	*8.7	18 31.49	2.9306	0.0012	6 26 34.4[2]	6.737	0.400	93.8 95.9	8* 107 353 414δ	6 2084
2625	*8.5	18 31.58	2.8594	0.0007	9 36 51.1	6.737	0.390	95.1	230* 342	9 2019
2626	8.9	7 18 33.69	+2.8490	−0.0006	−10 4 24.3	−6.740	−0.389	96.5 96.7	351a 354 381	9 2021
2627	8.8	18 41.51	2.8774	0.0008	8 49 11.9	6.750	0.392	94.6	221 309	8 1880
2628	8.5	18 42.76	2.8594	0.0007	9 37 1.4	6.752	0.390	95.1	230 342	9 2022
2629	9.3	19 2.12	2.9010	0.0009	7 46 12.5	6.779	0.396	94.6	218 310	7 1932
2630	*9.0	19 7.11	2.9215	0.0011	6 51 17.0	6.786	0.398	92.7	14* 101	6 2090
2631	9.3	7 19 25.44	+2.9036	−0.0010	− 7 39 38.5[3]	−6.811	−0.395	94.7 97.1	227 310 411δ	7 1936
2632	9.1	19 26.33	2.8804	0.0008	8 41 34.9	6.812	0.392	95.2	228 349	8 1893
2633	9.2	19 57.88	2.8735	0.0008	9 0 25.6[4]	6.855	0.391	94.7 97.2	231 309 415δ	8 1896
2634	9.1	20 0.50	2.8977	0.0009	7 55 58.7	6.859	0.394	94.6	218 306	7 1940
2635	9.0	20 1.94	2.8908	0.0009	8 14 23.8	6.861	0.393	94.7	104 357	8 1898
2636	8.4	7 20 5.61	+2.9094	−0.0010	− 7 24 27.4	−6.866	−0.396	93.7	113 232	7 1941
2637	9.7	20 34.88	2.9105	0.0010	7 21 53.4[5]	6.906	0.396	93.7 96.5	115 232 416δ	7 1947
2638	8.5	20 37.29	2.9064	0.0010	7 32 51.3	6.909	0.395	93.7	111 227	7 1949
2639	9.1	20 52.12	2.9144	0.0011	7 11 33.9	6.930	0.395	95.8	218 310 393	7 1954
2640	8.8	20 55.69	2.8546	0.0006	9 51 50.0	6.934	0.387	94.1	220 233	9 2033
2641	*9.1	7 20 55.80	+2.9295	−0.0011	− 6 30 44.2[6]	−6.935	−0.397	92.6 95.8	8* 107 416δ	6 2107
2642	8.9	21 9.11	2.8568	0.0006	9 46 11.6	6.953	0.388	94.6	220 305	9 2037
2643	*9.1	21 11.14	2.9326	0.0012	6 22 32.5[7]	6.956	0.398	92.7	12* 15 101 108	6 2108
2644	8.9	21 15.66	2.8572	0.0006	9 45 10.8[8]	6.962	0.388	94.5 96.4	220 229 305 413δ	9 2038
2645	8.6	21 19.79	2.8765	0.0008	8 53 52.1	6.967	0.390	94.6	221 302	8 1909
2646	8.3	7 21 34.64	+2.9150	−0.0011	− 7 10 27.2	−6.988	−0.395	94.6	218 306	7 1963
2647	7.6	21 40.01	2.8543	0.0006	9 53 24.0	6.995	0.387	94.7	230 307	9 2043
2648	8.9	22 1.39	2.8896	0.0009	8 19 17.6	7.024	0.392	93.6	104 228	8 1917
2649	9.1	22 7.28	2.9110	0.0011	7 21 42.0	7.032	0.395	93.7	113 227	7 1966
2650	8.7	22 8.58	2.8663	0.0008	9 21 39.3[9]	7.034	0.389	94.7 97.2	229 307 414δ	9 2048

[1] 9m.5 seq. 4s, parall. [2] 32".0 35".4 35".4 34".6 [3] 39".9 37".3 38".4 [4] 27".0 24".1 25".7 [5] 55".2 52".2 52".7 [6] 42".8 45".6 44".2 [7] 31".6 32".2 34".3 31".8 [8] 10".1 9".3 12".6 11".1 [9] 37".8 40".4 39".7

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2651	8.6	7h 22m 9s.89	+2s.9093	−0s.0011	− 7° 26′ 11″.6	−7″.036	−0″.394	95.2	113 381	7° 1968
2652	9.1	22 11.37	2.8610	0.0007	9 36 5.6	7.038	0.387	96.2	305 382	9 2052
2653	8.9	22 12.59	2.9020	0.0010	7 45 56.8	7.040	0.393	94.7	115 357	7 1969
2654	9.3	22 14.96	2.8960	0.0010	8 2 2.8	7.043	0.392	96.7	348 381	7 1971
2655	9.1	22 22.82	2.8823	0.0009	8 39 13.6	7.054	0.390	95.1	105 374	8 1919
2656	*8.7	7 22 46.83	+2.9383	−0.0013	− 6 8 11.0	−7.086	−0.398	94.5	107 232* 355	6 2117
2657	9.0	22 51.09	2.8518	0.0007	10 1 3.8	7.092	0.386	94.6	220 307	9 2058
2658	8.9	22 54.97	2.9013	0.0010	7 48 24.2	7.097	0.393	96.2	347 357	7 1976
2659	9.2	22 56.57[1]	2.9123	0.0011	7 18 39.4	7.099	0.394	97.5 95.1	218 348 414a	7 1977
2660	9.1	23 1.09	2.8643	0.0008	9 27 51.8	7.106	0.388	96.2	308 382	9 2059
2661	9.1	7 23 13.05	+2.8555	−0.0007	− 9 51 31.0[2]	−7.122	−0.386	95.2 97.5	231 353 415δ	9 2062
2662	*9.2	23 17.45	2.9346	0.0013	6 18 43.2	7.128	0.397	92.6	12* 101	6 2122
2663	8.8	23 18.81	2.8729	0.0009	9 5 11.9	7.130	0.389	96.6	308 391	9 2064
2664	8.9	23 19.27	2.9117	0.0011	7 20 35.4	7.131	0.394	95.2	227 349	7 1981
2665	8.8	23 23.22	2.8914	0.0010	8 15 25.0	7.136	0.391	93.6	104 221	8 1925
2666	8.0	7 23 30.49	+2.9204	−0.0012	− 6 57 16.5	−7.146	−0.395	93.6	107 232	6 2124
2667	8.8	23 34.78	2.8738	0.0009	9 2 56.7	7.152	0.388	95.8	228 309 393	8 1927
2668	9.1	23 39.71	2.9431	0.0013	5 55 31.6	7.158	0.397	95.6	108 391	5 2130
2669	9.1	23 41.32	2.8540	0.0007	9 56 16.9	7.161	0.385	95.2	231 353	9 2068
2670	9.0	23 43.66	2.9175	0.0012	7 5 11.2	7.164	0.394	97.1	349 391	7 1985
2671	9.3	7 23 43.69[3]	+2.9249	−0.0012	− 6 45 5.7	−7.164	−0.395	97.5	111 380 411	6 2127
2672	6.4	23 48.84	2.8562	0.0007	9 50 21.2[4]	7.171	0.385	94.7 97.2	231 305 416δ	9 2069
2673	8.9	23 49.77	2.9199	0.0012	6 58 43.6	7.172	0.394	93.6	107 232	6 2130
2674	8.9	23 59.67	2.8962	0.0010	8 2 55.4	7.186	0.391	96.8 96.7	354 381a 382	7 1989
2675	8.9	24 5.28	2.9307	0.0013	6 29 32.5	7.193	0.396	92.7	15 113	6 2133
2676	8.8	7 24 18.33	+2.9015	−0.0010	− 7 48 59.5	−7.211	−0.392	96.2	347 357	7 1995
2677	6.3	24 34.13	2.9120	0.0011	7 20 55.1	7.232	0.393	94.6	218 306	7 1996
2678	9.0	24 35.31	2.9301	0.0012	6 31 33.5	7.234	0.395	95.5	115 355 380	6 2135
2679	5.8	24 37.23	2.8502	0.0007	10 7 12.4	7.237	0.385	94.1	220 233	10 2067
2680	*8.4	24 43.37	2.9309	0.0013	6 29 21.1	7.245	0.396	92.7	8* 113	6 2137
2681	8.4	7 24 48.18	+2.8741	−0.0009	− 9 3 9.3	−7.252	−0.388	93.6	105 228	8 1937
2682	9.0	24 51.52	2.8817	0.0009	8 42 52.7	7.256	0.389	96.1	302 374	8 1938
2683	8.8	25 1.53	2.9048	0.0012	7 40 28.3	7.270	0.391	94.7	227 310	7 2001
2684	8.8	25 9.18	2.9078	0.0012	7 32 19.0	7.280	0.391	94.6	218 310	7 2002
2685	8.1	25 16.02	2.8908	0.0010	8 18 33.6	7.289	0.389	93.7	104 213 221	8 1944
2686	8.6	7 25 19.80	+2.9316	−0.0014	− 6 28 8.0	−7.295	−0.395	95.1 94.2	17δ 101 382	6 2141
2687	9.0	25 24.49	2.8791	0.0009	8 50 22.4	7.301	0.387	94.7	228 309	8 1945
2688	8.3	25 29.21	2.9252	0.0013	6 45 30.7	7.307	0.394	93.7	111 232	6 2144
2689	9.1	25 36.97	2.8646	0.0008	9 29 40.5	7.318	0.386	94.7	229 305	9 2082
2690	9.2	25 42.85	2.8551	0.0008	9 55 2.0	7.326	0.384	94.6	220 307	9 2083
2691	8.8	7 25 45.66	+2.9015	−0.0011	− 7 50 4.4	−7.330	−0.390	94.6	227 306	7 2007
2692	8.2	25 48.35	2.8790	0.0009	8 50 50.1	7.333	0.387	94.7	105 357	8 1948
2693	*8.1	25 52.26	2.9308	0.0013	6 30 30.4	7.339	0.394	92.6	8* 101	6 2146
2694	*8.2	25 55.70	2.8735	0.0009	9 6 3.6	7.343	0.387	94.7	230* 305	9 2084
2695	9.1	25 56.69	2.8795	0.0009	8 49 37.9	7.345	0.388	93.6	105 228	8 1950
2696	6.3	7 26 1.27	+2.8631	−0.0008	− 9 34 3.2	−7.351	−0.385	94.2	230 233	9 2085
2697	*8.9	26 12.42	2.9435	0.0014	5 56 4.5	7.366	0.396	92.7	12* 107	5 2144
2698	6.6	26 13.16	2.8558	0.0008	9 53 51.1	7.367	0.384	94.7	231 307	9 2086
2699	8.7	26 13.80	2.9395	0.0014	6 6 54.9	7.368	0.396	93.7	108 232	6 2150
2700	*9.1	26 15.59	2.8512	0.0008	10 6 18.3	7.370	0.385	95.2	229* 353	10 2081

[1] 56s.65 56s.42 56s.65 [2] 29″.9 32″.4 30″.7 [3] 43s.54 43s.75 43s.77 [4] 19″.8 22″.9 21″.0

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
2701	8.5	7h 26m 23s.98	+2s.9080	−0s.0012	−7° 32′ 59″.2	−7″.382	−0″.391	93.6	115 218	7° 2012
2702	*9.1	26 27.89	2.8520	0.0008	10 4 23.6	7.387	0.383	94.7	229* 307	9 2087
2703	7.8	26 35.47	2.8863	0.0010	8 31 46.1	7.397	0.388	94.6	221 302	8 1955
2704	9.3	26 36.37	2.9238	0.0013	6 49 54.6	7.398	0.393	94.5	113 117 382	6 2152
2705	8.3	26 40.65	2.8996	0.0011	7 55 55.5	7.404	0.389	94.7	227 310	7 2017
2706	*8.7	7 26 46.30	+2.9295	−0.0013	− 6 34 39.8	−7.412	−0.393	92.7	14* 111	6 2153
2707	8 6	26 47.36	2.8818	0.0010	8 44 20.5	7.413	0.387	95.7	309 357	8 1957
2708	*9.1	26 51.45	2.8521	0.0008	10 4 19.5	7.419	0.383	95.2	229* 353	9 2090
2709	8.8	26 58.68	2.8872	0.0010	8 29 57.1	7.429	0.388	95.6 97.8	302 356 416δ	8 1959
2710	8.9	27 8.19	2.8877	0.0010	8 28 46.1	7.442	0.388	96.5	349 354 374	8 1961I
2711	*8.3	7 27 8.25	+2.9315	−0.0014	− 6 29 27.9	−7.442	−0.394	92.7	14* 101	6 2156
2712	8.7	27 9.04	2.8878	0.0010	8 28 30.4	7.443	0.388	96.5	349 354 374	8 1961II
2713	8.7	27 11.05	2.8963	0.0011	8 5 27.5	7.445	0.389	96.1	309 374	8 1962
2714	*8.3	27 15.60	2.9194	0.0013	7 2 40.8	7.452	0.392	94.9	15 346* 355	6 2157
2715	6.7	27 18.15	2.8837	0.0010	8 39 50.7	7.455	0.387	95.2	104 352 357	8 1964
2716	8.7	7 27 24.07	+2.9201	−0.0013	− 7 0 48.2	−7.463	−0.392	95.5	232 346 355	6 2159
2717	9.1	27 24.34	2.8530	0.0008	10 2 30.8	7.463	0.383	94.2	231 233	9 2094
2718	*9.0	27 26.25	2.9344	0.0014	6 21 43.6	7.466	0.394	92.7	12* 115	6 2158
2719	9.1	27 35.05	2.9190	0.0013	7 3 52.0	7.478	0.392	96.5	348 355 380	6 2161
2720	8.8	27 38.32	2.9095	0.0012	7 29 47.1	7.482	0.391	94.6	218 310	7 2028
2721	8.6	7 27 43.68	+2.9010	−0.0011	− 7 53 1.3	−7.490	−0.389	94.6	227 306	7 2029
2722	8.5	27 50.08	2.9376	0.0014	6 13 18.0	7.498	0.394	95.1	107 382	6 2162
2723	*8.8	27 54.34	2.9201	0.0013	7 1 12.4	7.504	0.391	95.2	232 346*	6 2163
2724	8.1	27 55.34	2.8663	0.0009	9 27 20.2	7.505	0.384	94.7	230 305	9 2096
2725	7.4	27 57.73	2.8720	0.0010	9 11 49.0	7.509	0.384	94.7	231 307	9 2097
2726	7.9	7 27 57.87	+2.9190	−0.0013	− 7 4 14.5	−7.509	−0.391	94.5	113 117 380	6 2165
2727	8.5	28 1.89	2.9045	0.0012	7 43 46.3	7.514	0.389	96.1	227 347 391	7 2036
2728	*7.3	28 6.38	2.9282	0.0013	6 38 59.8	7.520	0.392	92.6	8* 111	6 2166
2729	9.2	28 9.13	2.8801	0.0010	8 50 5.8	7.524	0.386	93.6	105 228	8 1971
2730	*8.5	28 11.38	2.9382	0.0014	6 11 44.4	7.527	0.393	92.7	14* 107	6 2167
2731	9.1	7 28 14.85	+2.8656	−0.0009	− 9 29 33.6	−7.532	−0.384	94.6	220 305	9 2098
2732	9.1	28 22.21	2.8681	0.0010	9 22 51.4	7.542	0.384	95.1	220 353	9 2101
2733	7.5	28 39.48	2.9424	0.0015	6 0 39.9	7.565	0.394	95.2	108 382	5 2165
2734	9.2	28 46.44	2.8956	0.0012	8 8 42.0	7.574	0.387	95.8	302 354 357	8 1973
2735	9.0	28 59.67	2.8847	0.0011	8 38 17.7	7.592	0.386	93.8	104 213 228	8 1975
2736	8.5	7 29 1.88	+2.8665	−0.0010	− 9 27 55.2	−7.595	−0.384	94.7	229 307	9 2106
2737	9.3	29 5.63	2.9337	0.0015	6 24 42.6	7.600	0.393	95.1	101 380	6 2179
2738	8.1	29 12.31	2.9118	0.0013	7 24 51.8	7.609	0.390	94.6	218 306	7 2041
2739	8.5	29 34.03	2.9280	0.0014	6 40 40.7	7.639	0.391	95.1	111 382	6 2184
2740	*9.0	29 41.29	2.9386	0.0015	6 11 37.4	7.648	0.392	92.5	12* 15* 108	6 2185
2741	8.8	7 29 43.76	+2.8889	−0.0011	− 8 27 29.5	−7.652	−0.386	94.7	231 309	8 1984
2742	8.3	29 47.20	2.8628	0.0009	9 38 32.2	7.656	0.382	94.2	229 233	9 2114
2743	9.0	29 58.02	2.9065	0.0013	7 40 5.7	7.671	0.388	94.6	218 310	7 2047
2744	9.2	30 13.26	2.8810	0.0010	8 49 37.2	7.692	0.385	94.2 94.7	105a 228 309	8 1987
2745	9.1	30 25.35	2.8708	0.0010	9 17 38.0	7.708	0.383	94.6	220 305	9 2117
2746	9.0	7 30 37.48	+2.9089	−0.0013	− 7 33 49.6	−7.724	−0.388	93.7	115 227	7 2055
2747	8.9	30 43.68	2.8650	0.0009	9 33 33.1	7.732	0.381	94.2	229 233	9 2121
2748	9.2	30 58.01	2.8993	0.0012	8 0 38.9	7.752	0.386	95.7	306 357	7 2057
2749	8.5	30 58.23	2.8967	0.0012	8 7 34.8	7.752	0.386	94.7	104 356	8 1991
2750	9.1	30 58.30	2.8597	0.0009	9 48 18.3	7.752	0.381	94.7	230 307	9 2124

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2751	8.7	7h 31m 3s.21	+2s.9040	−0s.0012	−7° 47′ 40″.5	−7″.759	−0″.387	93.7	117 227	7° 2060
2752	*8.6	31 4.03	2.9205	0.0014	7 2 21.5	7.760	0.389	92.6	8* 107	6 2190
2753	8.4	31 12.46	2.8756	0.0010	9 5 28.0	7.771	0.383	94.6	231 302	8 1993
2754	*9.1	31 19.54	2.9403	0.0015	6 7 59.3	7.781	0.392	92.5	12* 14* 101	6 2191
2755	8.9	31 25.81	2.9037	0.0012	7 48 30.5	7.789	0.387	93.7	117 227	7 2064
2756	9.3	7 31 26.11	+2.9387	−0.0015	−6 12 38.2	−7.789	−0.391	95.1	101 380	6 2193
2757[1]	6.7	31 26.74	2.8976	0.0012	8 5 22.5	7.790	0.386	94.7	104 357	7 2065
2758	8.6	31 29.84	2.8545	0.0009	10 2 47.2	7.794	0.380	94.7	230 305	9 2129
2759	9.1	31 32.22	2.9139	0.0013	7 21 10.8	7.798	0.388	95.2	113 383	7 2067
2760	9.0	31 42.16	2.8951	0.0012	8 12 23.4	7.811	0.385	94.6	228 302	8 1995
2761	9.2	7 31 52.21	+2.8566	−0.0009	−9 57 31.6	−7.824	−0.380	94.6	220 305	9 2134
2762	8.9	31 56.28	2.8694	0.0010	9 22 51.5	7.830	0.382	94.2	230 233	9 2135
2763	8.9	32 7.43	2.8880	0.0011	8 32 3.9	7.845	0.384	96.1	308 374	8 1997
2764	8 9	32 41.20	2.8774	0.0011	9 1 53.2	7.890	0.382	94.7 97.2	231 309 415δ	8 2001
2765	*8.9	32 49.25	2.9440	0.0016	5 58 52.6	7.901	0.391	92.6	4* 108	5 2187
2766	9.0	7 32 50.85	+2.8960	−0.0013	−8 11 4.2	−7.903	−0.384	96.1	302 374	8 2002
2767	7.8	32 51.67	2.8649	0.0010	9 36 1.8	7.904	0.380	94.7	229 307	9 2143
2768	9.2	32 51.93	2.9213	0.0015	7 1 47.7	7.905	0.388	95.1	107 380	6 2206
2769	8.8	32 51.95	2.8900	0.0012	8 27 45.6	7.905	0.384	95.7	309 357	8 2003
2770	7.4	32 52.28	2.9109	0.0014	7 30 8.5	7.905	0.386	96.2	310 382	7 2082
2771	8.6	7 32 53.65	+2.9170	−0.0015	−7 13 41.1	−7.907	−0.387	94.7	227 310	7 2083
2772	9.0	32 57.52	2.8782	0.0011	8 59 58.3	7.912	0.382	94.7	231 308	8 2005
2773	7.3	32 58.97	2.9277	0.0015	6 43 57.8	7.914	0.389	95.2	111 382	6 2207
2774	9.1	33 2.63	2.9354	0.0016	6 22 47.0	7.919	0.390	95.2	108 383	6 2210
2775	*8.9	33 3.24	2.9198	0.0015	7 5 58.1	7.920	0.388	93.4	8* 14* 111 347	7 2085
2776	8.6	7 33 3.43	+2.9058	−0.0014	−7 44 14.3	−7.920	−0.386	96.7	353 383	7 2086
2777	*8.9	33 3.95	2.8897	0.0012	8 28 41.6	7.921	0.384	94.7	228* 309	8 2006
2778	7.0	33 11.47	2.9023	0.0013	7 54 2.0	7.931	0.385	96.2	310 383	7 2088
2779	9.0	33 29.80	2.8977	0.0013	8 6 56.4	7.955	0.384	94.5	213 302	8 2008
2780	8.9	33 37.65	2.8651	0.0010	9 36 13.3	7.966	0.379	94.7	229 307	9 2148
2781	8.9	7 33 40.27	+2.9134	−0.0014	−7 24 7.3	−7.969	−0.386	93.6	113 218	7 2091
2782	9.1	33 46.12	2.8603	0.0010	9 49 25.0	7.977	0.379	94.6	220 307	9 2149
2783	8.9	34 12.14	2.8623	0.0010	9 44 39.1	8.012	0.379	94.2	230 233	9 2154
2784	8.7	34 22.92	2.8626	0.0010	9 43 52.5	8.026	0.379	94.7	230 305	9 2156
2785	*9.3	34 27.49	2.9406	0.0016	6 9 26.7	8.032	0.390	92.6	4* 101	6 2221
2786[2]	*9.4	7 34 29.65	+2.8907	−0.0012	−8 27 10.8	−8.035	−0.383	94.1	104 228* 302	8 2015
2787	8.8	34 31.37	2.9140	0.0014	7 23 8.7	8.038	0.386	93.5	113 117 218	7 2100
2788	8.5	34 33.98	2.8575	0.0010	9 58 1.7	8.041	0.378	94.7	229 305	9 2157
2789[3]	*8.0	34 55.11	2.9438	0.0016	6 0 54.0	8.069	0.390	92.7	15* 101	5 2202
2790	8.8	35 5.94	2.9163	0.0014	7 17 20.0	8.084	0.385	93.5	115 117 227	7 2107
2791	*8.8	7 35 11.51	+2.9332	−0.0016	−6 30 29.3	−8.091	−0.387	93.8	12* 107 355	6 2231
2792	8.9	35 35.54	2.9296	0.0016	6 40 46.0	8.123	0.387	93.7	113 232	6 2233
2793	7.6	35 45.31	2.9020	0.0013	7 57 12.2	8.136	0.383	94.6	227 306	7 2118
2794	*9.0	35 49.58	2.8762	0.0011	9 8 28.2	8.142	0.380	96.2	307* 382	9 2165
2795	*8.9	35 59.34	2.8725	0.0011	9 18 37.1	8.155	0.379	94.5	220 233* 308	9 2169
2796	*8.4	7 36 0.03	+2.9215	−0.0015	−7 3 37.4	−8.156	−0.386	92.7	14* 111	6 2235
2797	8.4	36 1.33	2.9339	0.0016	6 29 10.5	8.158	0.388	94.5	107 108 380	6 2237
2798	9.2	36 7.53	2.8992	0.0013	8 5 25.3	8.166	0.383	94.6	218 310	7 2121
2799	8.6	36 8.42	2.9295	0.0016	6 41 23.1	8.167	0.387	95.2	113 380	6 2238
2800	8.6	36 8.99	2.8980	0.0013	8 8 38.8	8.168	0.382	94.7 98.4	105 357 415δ 416δ	8 2026

[1] Z. 357: rötlich [2] Dpl.? med. [3] Dpl. praec., com. 10m

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
2801	*8.8	7^h 36^m $12^s.82$	+$2^s.9211$	−$0^s.0015$	−7° 5' 0".5	−8".173	−0".386	92.7	14* 111	6° 2239
2802	8.6	36 26.27	2.8539	0.0010	10 10 1.8	8.191	0.376	96.7	354 383	10 2159
2803	4.3	36 28.13	2.8725	0.0011	9 19 4.1	8.193	0.379		**Fund. Cat.**	9 2172
2804	9.2	36 29.11	2.8827	0.0011	8 51 0.1	8.195	0.380	96.1	309 374	8 2029
2805	8.6	36 36.04	2.8799	0.0011	8 58 55.7	8.204	0.379	96.1	302 374	8 2030
2806	8.6	7 36 38.83	+2.9098	−0.0014	−7 36 33.1	−8.208	−0.383	98.1	227 411	7 2126
2807	*9.0	36 44.28	2.9338	0.0016	6 30 0.4	8.215	0.386	92.7	12* 108	6 2242
2808	8.8	36 51.10	2.8748	0.0011	9 13 20.3	8.224	0.378	95.2 94.7	229 305 354α	9 2175
2809	*8.0	36 53.01	2.9249	0.0015	6 55 1.8	8.226	0.385	94.2	15* 353	6 2243
2810	8.9	36 54.51	2.8742	0.0011	9 14 50.9	8.228	0.378	95.2	229 354	9 2176
2811	9.1	7 37 2.04	+2.8913	−0.0012	−8 27 55.7	−8.238	−0.381	94.6	228 302	8 2034
2812	8.9	37 5.91	2.8541	0.0010	10 10 7.8	8.244	0.375	96.2	307 383	10 2167
2813	8.3	37 20.50	2.9210	0.0015	7 5 59.8	8.263	0.385	94.7	227 310	7 2134
2814	8.9	37 29.17	2.9388	0.0016	6 16 29.9	8.275	0.387	94.2	17 354	6 2247
2815	8.8	37 32.10	2.9085	0.0015	7 40 42.5	8.278	0.383	95.1	218 348	7 2136
2816	9.2	7 37 33.20	+2.9275	−0.0016	−6 48 8.9	−8.280	−0.386	96.7	353 380	6 2249
2817	8.5	37 33.73	2.9170	0.0015	7 17 31.3	8.281	0.384	95.7	310 357	7 2137
2818	*8.0	37 34.38	2.9213	0.0016	7 5 29.5[1]	8.281	0.385	94.2 96.9	14* 353 414δ	6 2250
2819	9.1	37 48.76	2.9081	0.0015	7 42 20.6	8.301	0.383	95.8	117 374 382	7 2140
2820	8.9	37 51.29	2.9090	0.0015	7 39 37.5	8.304	0.383	96.7	349 382	7 2141
2821	8.8	7 37 51.81	+2.8732	−0.0012	−9 18 40.3	−8.305	−0.378	94.2	223 233	9 2183
2822	8.8	37 52.25	2.9032	0.0014	7 55 47.2	8.305	0.382	96.2	347 357	7 2142
2823	9.1	38 20.76	2.9022	0.0014	7 59 8.9	8.343	0.381	95.1	216 349	7 2148
2824	8.9	38 30.22	2.9195	0.0016	7 11 26.2	8.355	0.383	93.6	115 218	7 2150
2825	8.9	38 30.34	2.8726	0.0012	9 21 7.7	8.356	0.377	94.7	229 305	9 2188
2826	8.7	7 38 45.12	+2.9436	−0.0018	−6 4 17.3	−8.375	−0.387	92.7 95.8	15 107 415δ	5 2223
2827	8.1	38 49.38	2.8607	0.0011	9 54 13.0	8.381	0.375	94.6	220 307	9 2191
2828	*8.2	38 59.58	2.9229	0.0016	7 2 17.1	8.394	0.384	92.7	14* 108	6 2260
2829	*8.3	39 1.14	2.9349	0.0017	6 28 29.8	8.396	0.386	92.6	12* 101	6 2261
2830	9.3	39 16.29	2.9091	0.0015	7 40 57.4	8.417	0.382	94.7	227 310	7 2157
2831	8.9	7 39 26.85	+2.8778	−0.0012	−9 7 41.1	−8.430	−0.377	94.7	229 305	9 2197
2832	*9.0	39 28.53	2.9354	0.0017	6 27 25.5	8.433	0.385	92.6	12* 101	6 2263
2833	8.9	39 36.04	2.8736	0.0012	9 19 26.8	8.443	0.376	94.5	220 233 308	9 2199
2834	9.0	39 40.98	2.8583	0.0011	10 1 48.3	8.449	0.374	95.7	307 357	9 2200
2835	9.1	39 41.89	2.9324	0.0017	6 36 0.3	8.450	0.384	93.9	17 107 355	6 2265
2836	*8.7	7 39 42.62	+2.9228	−0.0016	−7 2 57.9	−8.451	−0.383	92.6	8* 108	6 2266
2837	8.5	39 56.10	2.8991	0.0014	8 9 6.4	8.469	0.380	93.6	104 228	8 2049
2838	*9.3	39 58.19	2.9309	0.0017	6 40 40.1	8.472	0.384	92.6	4* 111	6 2268
2839	8.5	40 7.11	2.9411	0.0018	6 12 6.1	8.484	0.385	92.7	15 111	6 2269
2840	8.5	40 7.26	2.9135	0.0015	7 29 1.8	8.484	0.382	93.6	113 216	7 2164
2841	9.0	7 40 11.83	+2.9087	−0.0015	−7 42 44.2	−8.490	−0.381	94.6	218 310	7 2166
2842	8.8	40 23.64	2.8583	0.0011	10 2 38.8	8.506	0.374	95.2	223 352	9 2205
2843	[9.0]	40 26.08	2.8861	0.0012	8 45 57.5	8.509	0.378	94.6	228 302	8 2052
2844	9.0	40 32.80	2.8964	0.0013	8 17 8.6	8.518	0.379	95.6	302 357	8 2054
2845	8.7	40 34.08	2.8895	0.0013	8 36 16.7	8.519	0.378	94.7	105 356	8 2055
2846	9.1	7 40 36.79	+2.9166	−0.0015	−7 21 3.0	−8.523	−0.382	95.2	227 347	7 2171
2847	8.9	40 38.23	2.9110	0.0015	7 36 58.6	8.525	0.380	95.1	218 348	7 2172
2848	9.0	40 39.86	2.9341	0.0017	6 32 19.0	8.527	0.384	92.7	17 113	6 2274
2849	8.5	40 43.15	2.8612	0.0011	9 55 7.4	8.531	0.374	94.6	220 305	9 2207
2850	8.9	40 46.34	2.9063	0.0014	7 49 53.7	8.535	0.380	95.8	117 374 383	7 2177

[1] 28".4 31".0 29".2   [2] Z 302: Dpl.? med.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2851	*8.8	7^h 40^m $56^s.47$	+2^s.9245	—0^s.0016	—6° 59′ 17″.9	—8″.549	—0″.382	92.7	14* 108	6° 2277
2852	8.1	40 59.36	2.9181	0.0015	7 17 8.8	8.553	0.381	93.6 96.5	115 216 413δ	7 2178
2853	9.1	41 0.58	2.9349	0.0017	6 30 16.5	8.554	0.383	92.7	17 101	6 2278
2854[1]	9.1	41 6.13	2.8686	0.0011	9 35 7.2	8.562	0.374	96.2 97.2	229a 353 396	9 2210
2855	*6.0	41 8.53	2.9344	0.0017	6 31 35.0	8.565	0.383	95.1	107 380*	6 2281
2856	8.7	7 41 11.04	+2.8699	—0.0011	—9 31 29.4	—8.568	—0.374	95.2	229 352	9 2213
2857	8.8	41 11.13	2.8983	0.0014	8 12 46.1	8.568	0.378	95.1	104 374	8 2059
2858	8.7	41 11.54	2.8612	0.0011	9 55 34.9	8.569	0.373	94.6	223 305	9 2214
2859	9.2	41 38.00	2.8766	0.0012	9 13 37.4	8.604	0.375	96.7	353 383	9 2218
2860	8.3	41 40.11	2.9438	0.0018	6 5 44.9	8.606	0.384	92.7	15 111	5 2243
2861	8.3	7 42 0.99	+2.8908	—0.0013	—8 34 30.1	—8.634	—0.376	94.7	105 356	8 2063
2862	9.0	42 3.97	2.8903	0.0013	8 35 57.4	8.638	0.376	95.6	302 356	8 2064
2863	8.8	42 7.72	2.9022	0.0014	8 2 39.5	8.643	0.378	94.7	227 310	7 2185
2864	8.7	42 8.33	2.9334	0.0017	6 35 17.3	8.644	0.382	96.5	353 355 380	6 2290
2865	9.1	42 32.08	2.9076	0.0015	7 47 55.4	8.675	0.379	93.6	117 216	7 2188
2866	9.0	7 42 39.90	+2.8877	—0.0014	—8 44 1.1	—8.685	—0.376	94.7	228 309	8 2069
2867	9.3	42 42.52	2.9108	0.0016	7 39 2.7	8.689	0.379	95.1 94.8	218 235δ 347	7 2191
2868	9.1	42 42.98	2.8881	0.0014	8 42 42.0	8.689	0.376	94.7	228 309	8 2070
2869	8.7	42 58.82	2.8589	0.0011	10 4 14.5	8.710	0.372	94.2	223 233	9 2228
2870	*9.1	43 7.42	2.9233	0.0017	7 4 22.8	8.721	0.381	92.6	4* 108	6 2303
2871	9.3	7 43 8.73	+2.8672	—0.0012	—9 41 21.5	—8.723	—0.373	95.2	229 305 353	9 2230
2872	9.1	43 9.98	2.8922	0.0014	8 32 4.7	8.725	0.376	93.6	104 213	8 2075
2873	7.5	43 22.62	2.9351	0.0018	6 31 34.4	8.741	0.381	92.7	17 101	6 2305
2874	*9.2	43 26.77	2.9290	0.0017	6 48 36.2	8.747	0.381	92.7	12* 107	6 2306
2875	9.1	43 34.02	2.8672	0.0012	9 42 1.4	8.756	0.372	95.7	307 357	9 2232
2876	8.9	7 43 37.07	+2.9124	—0.0016	—7 55 31.8	—8.760	—0.378	94.6	216 310	7 2195
2877	*9.3	43 54.12	2.9373	0.0018	6 25 43.7	8.783	0.381	92.5	14* 15 111	6 2310
2878	8.7	44 10.14	2.8589	0.0011	10 5 37.7	8.804	0.371	95.2	223 233 383	9 2234
2879[2]	9.0	44 25.70	2.8593	0.0011	10 5 0.0	8.824	0.370	95.2	229 352	9 2236
2880	8.2	44 27.86	2.8556	0.0011	10 14 57.6	8.827	0.370	94.6	220 307	10 2239
2881	9.1	7 44 29.41	+2.9360	—0.0018	—6 29 47.5	—8.829	—0.381	92.7	17 101	6 2315
2882	*9.6	44 35.29	2.9230	0.0017	7 6 34.6	8.836	0.379	92.6 98.8	4* 113a 413δ 414δ	6 2317
2883	8.5	44 41.71	2.9091	0.0015	7 46 1.6	8.845	0.377	93.6	115 218	7 2201
2884	9.0	44 44.83	2.9089	0.0015	7 46 29.7	8.849	0.377	93.6	115 218	7 2203
2885	8.5	44 51.75	2.8678	0.0012	9 41 39.9	8.858	0.371	94.7 97.2	231 305 415δ	9 2239
2886	9.3	7 44 52.50	+2.8623	—0.0011	—9 57 4.9	—8.859	—0.370	96.7	353 382	9 2240
2887	8.6	44 53.46	2.9030	0.0015	8 3 26.3	8.860	0.376	93.7	117 227	7 2205
2888	9.1	45 0.05	2.9188	0.0016	7 18 57.2	8.869	0.378	94.6 94.5	216 235δ 310	7 2206
2889	8.2	45 1.10	2.8972	0.0014	8 19 42.8	8.870	0.375	94.5	105 228 354	8 2090
2890	9.1	45 6.65	2.8996	0.0015	8 12 57.3	8.877	0.375	93.6	105 228	8 2091
2891	8.6	7 45 10.75	+2.8824	—0.0013	—9 1 20.9	—8.883	—0.373	95.6	302 357	8 2092
2892	9.3	45 11.53	2.8942	0.0014	8 28 20.1	8.884	0.375	95.8	302 354 356	8 2093
2893	6.0	45 22.26	2.8844	0.0013	8 55 51.9	8.898	0.373	94.7	104 357	8 2096
2894	8.9	45 27.81	2.9116	0.0016	7 39 43.3	8.905	0.377	93.6	117 218	7 2211
2895	*8.8	45 37.14	2.9343	0.0018	6 35 40.1	8.917	0.380	94.2	8* 353	6 2325
2896	*8.8	7 45 44.33	+2.9304	—0.0017	—6 46 51.7	—8.927	—0.379	92.7	12* 107	6 2326
2897	8.9	46 3.45	2.8992	0.0015	8 15 0.3	8.952	0.374	94.7	228 309	8 2100
2898	8.7	46 11.69	2.8606	0.0012	10 3 44.3	8.962	0.369	94.2	223 233	9 2251
2899	9.0	46 13.27[3]	2.8932	0.0014	8 32 16.7	8.964	0.373	97.8	309 356 411	8 2103
2900	8.8	46 24.09	2.8755	0.0013	9 22 19.3	8.979	0.371	94.7	229 307	9 2253

[1] Z. 353: $9^m.5$ nahe [2] Dpl. maj., com. $9^m.3$ seq. [3] $13^s.11$ $13^s.32$ $13^s.38$

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
2901	7.0	$7^h\ 46^m\ 32^s.67$	+2^s.8802	−0^s.0013	− 9° 9′ 0″.5	−8″.990	−0″.372	94.6	223 305	9° 2254
2902	7.2	46 38.76	2.9318	0.0018	6 43 40.4	8.998	0.379	92.7	15 113	6 2334
2903	9.1	46 51.53	2.8598	0.0012	10 6 30.6	9.014	0.369	96.2	307 382	10 2259
2904	*9.1	46 51.87	2.9323	0.0018	6 42 32.7	9.015	0.379	92.7	12* 113	6 2335
2905	9.0	46 55.79	2.8702	0.0012	9 37 41.7	9.020	0.369	96.2	305 382	9 2256
2906	9.1	7 46 56.10	+2.9041	−0.0015	− 8 2 20.8	−9.020	−0.374	94.6 94.5	218 235δ 310	7 2225
2907	8.9	46 57.61	2.9119	0.0016	7 40 16.1	9.022	0.375	93.6	117 216	7 2227
2908	8.6	46 59.58	2.8826	0.0013	9 2 59.3	9.025	0.371	94.7	104 357	8 2110
2909	9.0	47 8.24	2.8850	0.0013	8 56 29.6	9.036	0.371	95.6	302 357	8 2112
2910	7.3	47 9.47	2.8752	0.0013	9 23 58.0	9.038	0.370	94.2	229 233	9 2258
2911	9.0	7 47 18.17	+2.9228	−0.0017	− 7 9 41.0	−9.049	−0.377	95.2 94.9	227 235δ 348	7 2230
2912	8.8	47 19.94	2.8625	0.0012	9 59 45.2	9.051	0.368	95.2	231 352	9 2260
2913	9.1	47 20.99	2.8942	0.0014	8 30 26.8	9.053	0.372	95.7	309 356	8 2113
2914	9.0	47 22.64	2.9235	0.0017	7 7 44.5	9.055	0.377	95.2 94.9	227 235δ 349	7 2231
2915	*8.5	47 26.35	2.9358	0.0018	6 32 49.9	9.060	0.378	92.6	8* 101	6 2339
2916	8.8	7 47 32.95	+2.9275	−0.0018	− 6 56 52.9	−9.068	−0.377	92.7	15 115	6 2340
2917	9.2	47 33.12	2.9047	0.0015	8 1 13.2	9.069	0.374	95.1	218 353	7 2233
2918	9.2	47 57.50	2.8838	0.0014	9 0 53.0	9.100	0.371	95.2	228 354	8 2123
2919	9.1	48 0.71	2.9114	0.0017	7 42 48.0	9.104	0.375	93.6	117 216	7 2236
2920	*9.2	48 7.37[1]	2.9337	0.0019	6 39 20.5	9.113	0.378	95.8 92.6	4* 101 414a	6 2346
2921	9.0	7 48 9.61	+2.9234	−0.0018	− 7 8 43.2	−9.116	−0.376	95.2 94.9	227 235δ 349	7 2238
2922	9.0	48 22.56	2.9330	0.0019	6 41 48.3	9.133	0.377	92.7	17 107	6 2347
2923	9.2	48 23.44	2.9100	0.0016	7 47 11.8	9.134	0.374	96.2	310 380	7 2239
2924	9.2	48 32.29	2.8637	0.0012	9 57 52.7	9.145	0.367	96.2	305 382	9 2269
2925	9.2	48 39.30	2.8695	0.0013	9 41 50.9	9.154	0.368	94.7 97.2	229 307 415δ	9 2270
2926	8.9	7 48 52.83	+2.8853	−0.0014	− 8 57 40.4	−9.172	−0.370	93.6	105 228	8 2128
2927	9.3	49 7.77	2.9157	0.0017	7 31 34.4	9.191	0.374	94.7	227 310	7 2244
2928	8.5	49 9.45	2.8832	0.0014	9 3 45.1	9.194	0.370	94.7	104 357	8 2130
2929	9.0	49 11.05	2.9221	0.0018	7 13 44.9	9.196	0.375	93.6	115 218	7 2245
2930	*8.8	49 34.19	2.9244	0.0018	7 7 26.8	9.226	0.375	93.8 93.9	113 216 235δ 238*	7 2246
2931	8.5	7 49 36.42	+2.8736	−0.0013	− 9 31 27.0	−9.229	−0.367	94.2	223 233	9 2275
2932	9.2	49 42.16	2.8907	0.0015	8 43 16.7	9.236	0.370	95.7	309 356	8 2133
2933	*9.3	49 44.31	2.9431	0.0020	6 13 52.5	9.239	0.377	92.7	14* 111	6 2357
2934	8.8	49 44.66	2.9041	0.0016	8 5 14.6	9.239	0.372	96.2	352 357	7 2248
2935	*9.3	49 45.58	2.9446	0.0020	6 9 36.7	9.240	0.377	92.7	14* 101	6 2358
2936	9.1	7 49 57.38	+2.8595	−0.0012	−10 11 38.8	−9.256	−0.366	95.7	237 383	10 2283
2937	9.1	49 58.16	2.9242	0.0018	7 8 25.1	9.257	0.375	94.9 94.7	113 235δ 238 380	7 2251
2938	9.1	50 11.02	2.8743	0.0013	9 30 19.7	9.273	0.367	94.2	223 233	9 2282
2939	*9.0	50 16.09	2.9340	0.0019	6 40 34.8	9.280	0.376	92.5	4* 17 107	6 2360
2940	8.9	50 20.22	2.9134	0.0017	7 39 28.8	9.285	0.373	95.5	117 349 382	7 2254
2941	9.5	7 50 21.01	+2.9122	−0.0017	− 7 42 53.0	−9.286	−0.373	95.8	218 353 383	7 2255
2942	8.9	50 40.71	2.9059	0.0016	8 1 15.6	9.312	0.371	95.7	310 357	7 2256
2943	*8.3	50 59.96	2.9429	0.0019	6 15 41.9	9.336	0.375	92.5	8* 12* 111	6 2367
2944	9.3	51 10.49	2.9132	0.0017	7 41 0.8	9.350	0.372	95.2	227 349	7 2261
2945	*8.8	51 10.62	2.9450	0.0020	6 10 4.1	9.350	0.376	92.5	12* 15 115	6 2368
2946	8.5	7 51 10.76	+2.8741	−0.0013	− 9 31 54.8	−9.350	−0.366	94.2	223 233	9 2287
2947	7.7	51 21.85	2.8728	0.0013	9 35 53.4	9.365	0.366	94.2	223 237	9 2289
2948	8.4	51 30.61	2.9125	0.0017	7 43 32.2	9.376	0.372	94.5	117 216 348	7 2264
2949	8.9	51 32.31	2.9096	0.0016	7 51 42.5	9.378	0.371	95.2	238 357	7 2265
2950	*9.0	51 44.46	2.9459	0.0020	6 7 47.4	9.394	0.375	92.7	14* 101	6 2371

[1] 7^s.46 7^s.25 7^s.41

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
2951	9.0	7h 52m 0s.18	+2s.8777	−0s.0013	− 9° 22′ 56″.1	−9″.414	−0″.366	94.2	229 234	9° 2294
2952	*9.2	52 12.59	2.9344	0.0019	6 41 18.7	9.430	0.374	92.6	4* 107	6 2375
2953	8.0	52 28.19	2.9168	0.0017	7 31 56.6	9.450	0.371	95.1 94.8	216 235δ 352	7 2273
2954	9.2	52 32.35	2.9183	0.0018	7 27 42.3	9.455	0.372	95.1	218 353	7 2274
2955	8.9	52 33.21	2.8743	0.0014	9 33 27.9	9.457	0.365	95.7	233 382	9 2298
2956	9.5	7 52 34.71	+2.9014	−0.0016	− 8 15 54.6	−9.459	−0.369	94.7	228 309	8 2148
2957	*7.7	52 54.88	2.9421	0.0020	6 19 50.7	9.484	0.373	92.7	8* 113	6 2378
2958	9.4	52 59.94	2.8952	0.0016	8 34 8.7	9.491	0.367	95.7	309 356	8 2151
2959	8.9	53 7.48	2.9206	0.0018	7 21 41.0	9.501	0.371	95.2	238 357	7 2278
2960	9.3	53 8.12	2.8972	0.0016	8 28 45.8	9.501	0.368	95.6	302 356	8 2154
2961	9.3	7 53 8.22	+2.9276	−0.0019	− 7 1 44.5	−9.502	−0.372	92.7	17 115	6 2380
2962	9.2	53 10.48	2.9254	0.0019	7 8 1.5	9.505	0.372	95.2	227 349	7 2279
2963	8.7	53 14.58	2.8786	0.0014	9 21 57.7	9.510	0.365	94.2	229 234	9 2307
2964	8.7	53 16.72	2.8786	0.0014	9 21 59.2	9.513	0.365	94.2	229 234	9 2308
2965	9.1	53 19.09	2.9193	0.0018	7 25 44.4	9.516	0.371	95.7	238 380	7 2281
2966	*8.5	7 53 29.54	+2.9462	−0.0021	− 6 8 6.8	−9.529	−0.374	92.7	12* 111	6 2383
2967	9.0	53 51.58	2.9062	0.0017	8 3 43.3	9.557	0.369	94.6	216 310	·7 2286
2968	8.8	53 53.31	2.8698	0.0013	9 47 50.6	9.559	0.364	94.2	223 233	9 2311
2969	8.8	54 0.51	2.9235	0.0019	7 14 16.7	9.569	0.370	94.2	227 238	7 2287
2970	9.0	54 1.43	2.9409	0.0020	6 24 2.4	9.570	0.372	92.7	15 113	6 2388
2971	9.0	7 54 5.31	+2.8932	−0.0016	− 8 41 11.2	−9.575	−0.366	96.2 98.2	353 357 414δ	8 2160
2972	9.2	54 17.45	2.9084	0.0017	7 58 3.0[1]	9.590	0.368	94.6 98.4	218 310 411δ 415δ	7 2289
2973	8.7	54 17.64	2.9019	0.0016	8 16 30.5	9.591	0.367	95.1	105 374	8 2164
2974	8.0	54 24.19	2.9238	0.0019	7 13 59.6	9.599	0.370	94.2	227 238	7 2291
2975	*9.0	54 27.39	2.9451	0.0021	6 12 21.9	9.603	0.373	94.2	14* 354	6 2392
2976	9.0	7 54 30.34	+2.9050	−0.0017	− 8 7 53.6	−9.607	−0.368	96.6	353 374	8 2166
2977	*8.9	54 32.00	2.9344	0.0020	6 43 31.2	9.609	0.372	95.2	17 311 396*	6 2394
2978	9.0	54 34.62	2.8837	0.0015	9 9 9.7	9.612	0.365	96.2	307 383	9 2317
2979	8.8	54 37.92	2.8614	0.0013	10 12 38.0	9.617	0.362	94.7	229 307	10 2319
2980	8.5	54 40.89	2.9420	0.0020	6 21 24.5	9.620	0.372	92.7	15 115	6 2397
2981	9.2	7 54 41.77	+2.9153	−0.0018	− 7 38 37.1	−9.621	−0.369	96.7	348 380	7 2294
2982	9.0	54 44.06	2.9343	0.0020	6 43 46.9	9.624	0.372	95.2	17 311 396	6 2399
2983	9.1	54 49.08	2.9282	0.0019	7 1 29.8	9.631	0.371	96.7	352 380	6 2400
2984	8 3	54 57.34	2.8906	0.0015	8 50 7.4	9.641	0.365	96.2	355 357	8 2170
2985	9.1	55 7.87	2.9056	0.0017	8 7 11.9	9.655	0.367	96.7	353 382	7 2299
2986	8.9	7 55 10.78	+2.9274	−0.0019	− 7 4 31.0	−9.659	−0.370	95.2	113 383	6 2402
2987	9.0	55 11.75	2.9068	0.0017	8 3 42.9	9.660	0.367	96.7	355 382	7 2300
2988	9.0	55 13.45	2.9216	0.0018	7 21 5.0	9.662	0.369	96.7	354 383	7 2302
2989	9.0	55 13.76	2.9069	0.0017	8 3 29.9	9.662	0.367	96.7	355 382	7 2301
2990	8.9	55 28.26	2.8634	0.0013	10 7 59.0	9.681	0.362	94.2	229 237	10 2329
2991	8.9	7 55 34.26	+2 8650	−0.0013	−10 3 46.5	−9.689	−0.362	94.2	223 233	9 2324
2992	8.7	55 36.08	2.8908	0.0015	8 49 55.8	9.691	0.365	94.7	118 357	8 2175
2993	9.0	55 36.25	2.8854	0.0015	9 5 34.4	9.691	0.364	96.2	354 356	8 2176
2994	8.9	55 37.26	2.9131	0.0017	7 45 49.5	9.692	0.368	95.1	216 349	7 2308
2995	*8.6	55 47.84	2.9329	0.0019	6 48 56.0	9.706	0.370	92.5	12* 17 101	6 2404
2996	8.4	7 56 4.30	+2.9215	−0.0018	− 7 22 1.7	−9.727	−0.369	94.7	227 310	7 2310
2997	*6.8	56 9.38	2.9469	0.0021	6 8 31.9	9.733	0.371	92.7	14* 107	6 2407
2998	9.2	56 10.10	2.8954	0.0016	8 37 40.3	9.734	0.364	96.1	309 374	8 2182
2999	8.7	56 23.11	2.9063	0.0017	8 6 29.0	9.751	0.366	94.2	218 238	7 2313
3000	9.0	56 27.61	2.8725	0.0014	9 43 40.3	9.757	0.362	96.2	234 396	9 2330

[1] 1″.5 4″.5 3″.6 2″.4

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3001	9.4	7h 56m 44s.73	+2s.8880	−0s.0015	− 8° 59′ 39″.6	− 9″.778	−0″.363	95.6	302 356	8° 2185
3002	8.9	56 47.36	2.8750	0.0014	9 36 45.3	9.782	0.362	94.2	223 233	9 2332
3003	8.8	56 53.81	2.9212	0.0018	7 24 8.3	9.790	0.368	93.7	115 227	7 2318
3004	7.8	56 54.76	2.9022	0.0016	8 19 0.1	9.791	0.365	94.7	105 357	8 2186
3005	8.5	56 59.04	2.9101	0.0017	7 56 14.8	9.797	0.366	94.2	216 235	7 2319
3006	9.0	7 57 8.34	+2.9266	−0.0019	− 7 8 40.1	− 9.808	−0.369	95.7	236 382	7 2320
3007	7.9	57 12.23	2.8864	0.0015	9 4 46.4	9.813	0.363	93.7	121 228	8 2189
3008	8.7	57 14.74	2.9233	0.0018	7 18 17.1	9.817	0.367	94.2	218 238	7 2321
3009	9.1	57 20.69	2.8721	0.0013	9 46 8.0	9.824	0.360	95.7	237 383	9 2335
3010	*6.5	57 31.19	2.9491	0.0022	6 3 29.5	9.838	0.370	92.5	8* 14* 117	5 2339
3011	8.9	7 57 33.35	+2.9418	−0.0021	− 6 24 58.9	− 9.840	−0.369	92.7	15 111	6 2419
3012	8.9	57 35.08	2.8724	0.0014	9 45 41.1	9.843	0.360	95.7	234 383	9 2338
3013	8.8	57 45.42	2.9372	0.0021	6 38 13.4	9.856	0.369	92.7	17 113	6 2421
3014	*7.5	57 51.84	2.9495	0.0022	6 2 36.7	9.864	0.370	92.7	14* 117	5 2341
3015	9.1	57 55.63	2.8851	0.0016	9 9 35.7	9.869	0.362	94.7	229 305	9 2341
3016	*8.8	7 58 5.18	+2.9488	−0.0022	− 6 4 37.2	− 9.881	−0.370	93.5	14* 107 311	5 2342
3017	9.1	58 11.90	2.9265	0.0020	7 9 54.9	9.889	0.368	94.2	227 235	7 2328
3018	8.9	58 12.38	2.9477	0.0022	6 8 9.7	9.890	0.370	94.2	19 349	6 2423
3019	8.7	58 27.51	2.8760	0.0015	9 36 15.3	9.909	0.360	94.6	223 305	9 2344
3020	8.9	58 34.70	2.8728	0.0014	9 45 54.6	9.918	0.359	94.2	229 237	9 2346
3021	9.2	7 58 35.71	+2.8635	−0.0014	−10 12 41.8	− 9.919	−0.358	96.2	307 382	10 2355
3022	7.7	58 41.26	2.9117	0.0018	7 53 37.8	9.926	0.364	95.2	236 357	7 2329
3023	*8.8	58 41.51	2.9460	0.0022	6 13 24.2	9.927	0.369	93.8	4* 113 355	6 2427
3024	9.4	58 46.43	2.8891	0.0016	8 59 11.2	9.933	0.361	93.7 96.5	118 228 411δ	8 2199
3025	8.9	58 49.26	2.9079	0.0018	8 4 49.6	9.937	0.364	94.2	218 238	7 2330
3026	8.8	7 58 50.61	+2.9506	−0.0022	− 6 0 24.7	− 9.938	−0.369	93.7	17 311	5 2348
3027	*9.5	59 4.29	2.9299	0.0020	7 0 46.3	9.956	0.367	92.7	12* 115	6 2429
3028	9.0	59 6.75	2.8640	0.0014	10 11 54.3	9.959	0.358	96.1	305 380	10 2360
3029	*7.8	59 22.18	2.8652	0.0014	10 8 45.2	9.978	0.359	95.2	223* 233 380	10 2362
3030	8.8	59 34.51	2.9091	0.0018	8 2 8.1	9.994	0.363	94.1	216 218 238	7 2335
3031	8.3	7 59 36.59	+2.8675	−0.0014	−10 2 27.0	− 9.996	−0.358	94.2	223 234	9 2351
3032	8.9	59 40.87	2.9130	0.0018	7 50 51.0	10.002	0.363	95.2	235 357	7 2336
3033	9.0	59 41.44	2.9157	0.0019	7 43 4.3	10.003	0.364	94.2	227 236	7 2337
3034	8.6	59 43.66	2.8692	0.0014	9 58 0.1	10.005	0.358	98.2	234 414	9 2352
3035	8.4	59 52.09	2.9320	0.0020	6 55 31.1	10.016	0.366	92.7	15 107	6 2440
3036	9.1	7 59 52.27	+2.8877	−0.0016	− 9 4 21.3	−10.016	−0.360	94.7	121 356	8 2207
3037	9.1	8 0 0.41	2.8790	0.0015	9 29 49.6	10.027	0.359	95.7	237 382	9 2355
3038	9.0	0 1.23	2.9059	0.0018	8 12 3.2	10.028	0.362	94.6	228 302	8 2208
3039	9.1	0 4.83	2.9092	0.0018	8 2 27.3	10.032	0.363	94.2	218 238	7 2340
3040	9.0	0 5.65	2.9314	0.0020	6 57 33.8	10.033	0.366	92.7	15 111	6 2442
3041	8.8	8 0 5.78	+2.9074	−0.0018	− 8 7 30.6	−10.033	−0.363	96.2	349 357	7 2341
3042	9.1	0 8.11	2.8933	0.0016	8 48 46.7	10.036	0.361	96.1	309 374	8 2211
3043	*9.0	0 12.14	2.8809	0.0015	9 24 43.4	10.041	0.359	96.8	307 382* 396	9 2358
3044	9.0	0 13.20	2.8976	0.0017	8 36 22.2	10.043	0.361	94.5	213 302	8 2212
3045	9.1	0 16.05	2.8653	0.0014	10 9 48.5	10.046	0.358	94.7 97.2	229 307 415δ	10 2370
3046	9.0	8 0 24.48	+2.9282	−0.0020	− 7 7 19.7	−10.057	−0.366	95.7	236 383	7 2343
3047	9.0	0 29.70	2.9021	0.0017	8 23 36.7	10.064	0.362	96.1	309 374	8 2214
3048	8.1	0 37.66	2.8763	0.0015	9 38 33.6	10.074	0.358	96.2	305 383	9 2361
3049	7.4	0 42.05	2.8723	0.0014	9 50 16.9	10.079	0.357	95.7	234 380	9 2363
3050	8.7	0 43.43	2.9160	0.0019	7 43 21.5	10.081	0.363	94.2	227 236	7 2344

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3051	8.4	8h 0m 48.68s	+2.9069s	−0.0018s	−8° 9′ 55.8″	−10.088″	−0.362″	93.6	105 228	8° 2215
3052	*8.8	0 54.52	2.9310	0.0020	6 59 50.7	10.095	0.365	92.7	12* 117	6 2451
3053[1]	9.3	0 55.22	2.9293	0.0020	7 4 51.1	10.096	0.365	93.7	19 311	6 2452
3054	*8.7	0 55.37	2.9481	0.0022	6 9 33.8	10.096	0.367	93.4	4* 8* 113 355	6 2450
3055	9.1	1 3.56	2.8891	0.0016	9 2 8.1	10.106	0.359	94.7	121 356	8 2216
3056	9.0	8 1 20.82	+2.9062	−0.0018	−8 12 35.4	−10.128	−0.361	96.1	309 374	8 2218
3057	8.6	1 21.79	2.9214	0.0019	7 28 18.4	10.129	0.364	94.2	216 235	7 2347
3058	*8.9	1 22.73	2.9294	0.0020	7 5 3.0	10.130	0.365	93.2	14* 238	6 2454
3059	7.8	1 28.70	2.8823	0.0015	9 22 28.1	10.138	0.358	94.2	223 237	9 2367
3060	*9.4	1 36.72	2.9466	0.0022	6 14 47.9[2]	10.148	0.366	93.9	17 107* 353	6 2457
3061	8.4	8 1 37.31	+2.8911	−0.0016	−8 57 2.6	−10.149	−0.359	94.7	118 356	8 2221
3062	*9.0	1 37.96	2.9464	0.0021	6 15 18.7	10.149	0.366	93.9	17 107* 352	6 2458
3063	6.8	1 38.49	2.8910	0.0016	8 57 28.1	10.150	0.359	94.7	118 356	8 2222
3064	9.5	1 39.67	2.9312	0.0020	7 0 2.4	10.152	0.364	95.2	115 382	6 2459
3065	9.1	1 57.43	2.9048	0.0017	8 17 39.5	10.174	0.360	95.7	309 357	8 2226
3066	9.1	8 1 58.24	+2.9377	−0.0021	−6 41 12.8	−10.175	−0.365	92.7	19 113	6 2462
3067	9.0	2 0.29	2.8824	0.0015	9 23 1.3	10.178	0.357	94.2	223 237	9 2372
3068	9.1	2 13.22	2.8661	0.0014	10 10 30.2	10.194	0.355	94.2	229 234	10 2386
3069	*9.2	2 18.34	2.9480	0.0022	6 11 17.3	10.200	0.366	92.6	4* 117	6 2464
3070	8.9	2 19.56	2.9080	0.0018	8 8 30.8	10.202	0.361	95.2	227 354	8 2228
3071	9.0	8 2 35.12	+2.8960	−0.0017	−8 44 7.8	−10.221	−0.359	95.2	228 352	8 2230
3072	8.4	2 46.46	2.9052	0.0017	8 17 17.2	10.236	0.360	94.7	121 357	8 2232
3073	*8.9	2 50.28	2.9312	0.0020	7 1 15.7	10.240	0.363	92.7	12* 115	6 2470
3074[3]	9.0	2 56.64	2.8679	0.0014	10 6 26.1	10.248	0.355	94.9	229 234 353	9 2383
3075	9.3	3 5.43	2.9462	0.0021	6 16 56.9	10.259	0.364	93.7	17 311	6 2471
3076	8.5	8 3 6.25	+2.9379	−0.0021	−6 41 36.6	−10.260	−0.364	92.7	15 113	6 2473
3077	9.2	3 6.58	2.8858	0.0016	9 14 32.6	10.261	0.357	95.7	237 382	9 2385
3078	9.3	3 17.79	2.8881	0.0016	9 8 3.2	10.275	0.357	96.2	307 383	9 2386
3079	8.8	3 18.79	2.9023	0.0017	8 26 51.9[4]	10.276	0.359	95.1 97.4	105 374 411δ	8 2235
3080	9.5	3 18.96	2.9217	0.0019	7 29 42.5	10.276	0.362	94.2	218 235	7 2356
3081	9.2	8 3 21.96	+2.9070	−0.0018	−8 12 48.7	−10.280	−0.359	93.7	121 227	8 2236
3082	8.9	3 26.07	2.8742	0.0014	9 48 46.8	10.285	0.355	96.5	238 380 396	9 2387
3083	8.8	3 31.20	2.8692	0.0014	10 3 40.5	10.292	0.355	95.7	238 383	9 2389
3084	9.3	4 1.78	2.9277	0.0020	7 12 37.3	10.330	0.361	94.2	216 235	7 2360
3085	9.0	4 17.06	2.8991	0.0017	8 37 14.3	10.349	0.357	93.9	21 118 354	8 2243
3086	*8.9	8 4 17.41	+2.9441	−0.0022	−6 24 33.3	−10.349	−0.363	92.7	8* 117	6 2482
3087	9.2	4 26.23	2.8924	0.0016	8 57 10.2	10.360	0.356	98.2	238 414	8 2244
3088	*8.6	4 48.38	2.9401	0.0021	6 36 49.6	10.388	0.362	93.4	12* 14* 113 355	6 2487
3089	9.1	4 51.56	2.9413	0.0021	6 33 25.3	10.392	0.362	93.9	19 115 355	6 2488
3090	8.6	4 52.47	2.8771	0.0015	9 42 38.4	10.393	0.355	95.5	223 234 396	9 2397
3091	*7.8	8 5 12.34	+2.9436	−0.0022	−6 26 59.2	−10.418	−0.362	92.6	4* 107	6 2489
3092	7.8	5 42.12	2.8857	0.0016	9 18 33.5	10.455	0.354	94.2	223 233	9 2403
3093	8.9	5 47.49	2.9239	0.0020	7 25 55.7	10.462	0.359	94.2	216 235	7 2371
3094	*6.9	6 4.61	2.9438	0.0022	6 27 9.5	10.483	0.362	92.6	4* 107	6 2494
3095	9.0	6 9.58	2.8909	0.0017	9 4 11.5[5]	10.489	0.354	94.5 96.4	118 228 354 415δ	8 2254
3096	8.9	8 6 14.38	+2.9191	−0.0020	−7 40 52.3	−10.495	−0.358	94.2	218 236	7 2377
3097	9.2	6 16.67	2.8794	0.0015	9 37 58.8	10.498	0.353	95.5	229 234 396	9 2409
3098	9.1	6 19.10	2.9047	0.0018	8 23 31.6	10.501	0.356	92.7	21 121	8 2255
3099	8.9	6 20.81	2.9056	0.0018	8 20 55.2	10.503	0.356	92.7	21 105	8 2256
3100	*8.3	6 21.43	2.9348	0.0021	6 54 8.1	10.504	0.360	92.7	14* 117	6 2498

[1] Z. 311: 10m nahe [2] 47.8 49.4 (½) 47.2 [3] 9m3 nahe, Bor. [4] 53.0 50.4 52.2 [5] 12.1 9.8 12.6 11.6

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3101	8.7	8h 6m 23s.16	+2s.8776	−0s.0015	− 9° 43′ 38″.9	−10″.506	−0″.353	94.2	223 234	9° 2410
3102	9.1	6 29.50	2.9306	0.0021	7 7 9.7	10.514	0.360	92.9	15 17 238	6 2499
3103	5.8	6 41.09	2.9235	0.0020	7 28 27.7	10.528	0.358	94.2	216 235	7 2378
3104	8.6	6 46.08	2.8911	0.0017	9 4 15.9	10.534	0.354	93.7	118 228	8 2259
3105	9.0	6 51.40	2.9260	0.0020	7 20 56.9	10.541	0.358	94.2	225 235	7 2379
3106[1]	*8.8	8 6 55.85	+2.9336	−0.0021	− 6 58 40.5	−10.546	−0.359	92.7	14* 115	6 2503
3107	8.8	7 2.47	2.9167	0.0019	7 48 55.4	10.555	0.357	94.2	218 236	7 2381
3108	*9.1	7 11.94	2.9503	0.0023	6 8 57.4	10.566	0.362	92.7	12* 113	6 2506
3109	8.3	7 21.98	2.9083	0.0019	8 14 11.5	10.579	0.355	93.7	121 227	8 2263
3110	9.0	7 36.48	2.9155	0.0019	7 53 13.9	10.597	0.356	94.2	218 236	7 2382
3111	*8.5	8 7 48.87	+2.9421	−0.0022	− 6 34 13.6	−10.612	−0.359	92.6	4* 107	6 2509
3112	9.2	7 53.33	2.8645	0.0013	10 14 20.8	10.618	0.350	94.2	229 234	10 2424
3113	*9.1	7 55.07	2.9432	0.0022	6 31 13.1	10.620	0.359	92.6	8* 107	6 2511
3114	8.9	7 56.67	2.9465	0.0023	6 21 11.2	10.622	0.360	93.2	19 238	6 2513
3115	*7.8	7 57.55	2.9355	0.0021	6 54 6.0	10.623	0.358	93.7	17* 311	6 2514
3116	9.6	8 7 57.57	+2.9377	−0.0022	− 6 47 27.4	−10.623	−0.359	92.7	17 117	6 2512
3117	9.1	8 35.49	2.8707	0.0014	10 7 7.4	10.670	0.350	94.2	229 237	9 2424
3118	8.9	8 37.35	2.9460	0.0023	6 23 19.8	10.672	0.359	93.7	15 311	6 2516
3119	*8.6	8 38.11	2.9312	0.0021	7 7 58.6	10.673	0.357	94.2	14* 353	6 2518
3120	*7.5	8 39.71	2.9479	0.0023	6 17 35.9	10.675	0.359	93.7	19 311*	6 2517
3121	9.2	8 8 42.21	+2.8830	−0.0015	− 9 31 11.1	−10.678	−0.351	96.2	352 356	9 2427
3122	9.1	8 51.44	2.8850	0.0016	9 25 31.8	10.689	0.351	96.2	352 356	9 2429
3123	*8.6	8 55.98	2.9502	0.0023	6 11 4.0	10.695	0.359	92.7	12* 115	6 2521
3124	8.9	8 58.65	2.9271	0.0020	7 20 12.7	10.698	0.356	95.1	218 349	7 2388
3125	8.4	8 59.93	2.9155	0.0019	7 55 4.6	10.700	0.355	94.2	225 236	7 2389
3126	8.8	8 9 10.24	+2.8737	−0.0014	− 9 59 21.4	−10.713	−0.350	94.2	223 237	9 2434
3127	8.5	9 10.67	2.8789	0.0015	9 43 47.5	10.713	0.351	94.2	223 237	9 2435
3128	*8.7	9 11.47	2.9430	0.0022	6 33 4.9	10.714	0.358	92.6	8* 107	6 2523
3129	7.7	9 16.79	2.9027	0.0018	8 33 22.6	10.721	0.353	92.7	21 118	8 2272
3130	8.9	9 28.67	2.9187	0.0019	7 46 7.6	10.735	0.355	94.2	225 236	7 2391
3131	8.9	8 9 37.19	+2.9421	−0.0022	− 6 36 8.5	−10.746	−0.357	92.7	15 113	6 2525
3132	9.1	9 46.13	2.9083	0.0018	8 17 26.3	10.757	0.353	94.5	121 227 354	8 2275
3133	*9.2	10 11.45	2.9540	0.0024	6 0 46.3	10.788	0.359	92.7	12* 311	5 2461
3134	8.4	10 13.69	2.9422	0.0022	6 36 33.8	10.791	0.357	92.7	15 107	6 2528
3135	*8.8	10 16.38	2.9541	0.0024	6 0 35.6	10.794	0.359	92.7	12* 117	5 2462
3136	9.3	8 10 19.51	+2.8694	−0.0014	−10 13 43.7	−10.798	−0.348	95.2	234 357	10 2437
3137	8.8	10 21.08	2.9223	0.0020	7 36 22.0	10.800	0.355	94.2	218 236	7 2398
3138[2]	9.3	10 24.52	2.9100	0.0019	8 13 18.9	10.804	0.353	95.2	118 309 374	8 2277
3139	8.3	10 38.09	2.9382	0.0022	6 49 9.6	10.821	0.356	93.7	17 311	6 2531
3140	9.4	10 40.85	2.9131	0.0019	8 4 30.1	10.824	0.353	94.2	225 236	7 2402
3141	8.5	8 10 45.13	+2.8915	−0.0017	− 9 9 11.2	−10.829	−0.350	94.2	223 237	9 2445
3142	9.1	10 54.02	2.9281	0.0020	7 19 43.2	10.840	0.354	95.2	227 349	7 2404
3143	8.2	10 54.99	2.9341	0.0021	7 1 48.4	10.841	0.355	92.7	19 113	6 2533
3144	8.9	10 58.52	2.8716	0.0014	10 8 27.8[3]	10.846	0.348	94.2 96.2	229 234 238 415δ	10 2443
3145	8.9	11 7.33	2.8997	0.0017	8 45 10.3	10.857	0.351	93.9	21 121 354	8 2281
3146	8.4	8 11 12.22	+2.8853	−0.0016	− 9 28 11.4	−10.863	−0.349	94.7	239 307	9 2448
3147	8.9	11 20.43	2.9414	0.0022	6 40 1.0	10.873	0.356	95.5	115 355 380	6 2536
3148	8.8	11 21.65	2.9216	0.0020	7 39 50.0	10.874	0.354	94.2	218 235	7 2408
3149	8.9	11 27.05	2.9372	0.0021	6 52 56.5	10.881	0.355	94.2	17 352	6 2537
3150	8.5	11 32.74	2.9018	0.0018	8 39 20.4	10.888	0.350	94.2	228 238	8 2283

[1] Z. 115: Mehrere schwache Sterne in der Nähe [2] Dpl. praec., com. 9m.6 [3] 26″.1 26″.8 29″.1 29″.1

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3151	8.9	8h 11m 38s.62	+2s.9002	−0s.0018	− 8° 44′ 12″.1	−10″.895	−0″.350	94.5	121 228 354	8° 2285
3152	9.1	11 38.99	2.9240	0.0020	7 33 10.5	10.895	0.353	94.2	225 235	7 2409
3153	*9.1	11 47.04	2.9440	0.0022	6 32 40.8	10.905	0.355	94.9	8* 353 355	6 2540
3154	9.0	11 51.69	2.9102	0.0019	8 14 39.2	10.911	0.351	95.9	241 309 374 380	8 2289
3155	7.7	11 52.96	2.9001	0.0018	8 44 43.7	10.913	0.350	93.7	121 228	8 2290
3156	*7.0	8 11 57.74	+2.9010	−0.0018	− 8 42 20.4	−10.918	−0.350	93.7	121 228*	8 2291
3157	9.0	12 4.54	2.9219	0.0020	7 39 34.6	10.927	0.353	95.1	218 349	7 2414
3158	9.2	12 4.77	2.9406	0.0022	6 43 18.9	10.927	0.355	93.7	19 311	6 2542
3159	8.8	12 6.93	2.9529	0.0024	6 6 10.2	10.930	0.357	94.7	113 357	5 2474
3160	9.1	12 7.31	2.9167	0.0019	7 55 24.6	10.930	0.352	94.2	227 236	7 2415
3161	8.7	8 12 27.81	+2.8721	−0.0014	−10 9 23.1	−10.955	−0.347	94.2	223 238	10 2453
3162	9.1	12 28.86	2.8855	0.0016	9 29 36.2	10.956	0.348	94.2	237 239	9 2454
3163	8.6	12 34.28	2.8997	0.0017	8 47 20.9	10.963	0.349	95.7	309 356	8 2296
3164	8.5	12 58.16	2.9532	0.0024	6 6 9.9	10.992	0.356	94.2	113 117 357	5 2482
3165	9.3	13 5.61	2.9375	0.0021	6 53 50.5	11.001	0.353	92.7	15 107	6 2545
3166	8.7	8 13 20.83	+2.8722	−0.0014	−10 10 45.6	−11.020	−0.345	94.2	229 238	10 2461
3167	9.1	13 30.89	2.9223	0.0020	7 40 35.7	11.032	0.351	94.2	218 236	7 2422
3168	*8.2	13 32.02	2.9305	0.0020	7 15 37.7	11.033	0.351	94.2	225* 235	7 2423
3169	7.7	13 32.94	2.8796	0.0015	9 48 53.3	11.034	0.345	94.2	237 241	9 2463
3170	9.0	13 38.30	2.8725	0.0014	10 10 10.8	11.041	0.345	94.2	229 238	10 2468
3171	8.8	8 13 46.97	+2.9243	−0.0020	− 7 34 55.0	−11.052	−0.351	97.2	349 396	7 2426
3172	9.3	13 52.22	2.9052	0.0018	8 32 26.4	11.058	0.348	92.7	21 121	8 2302
3173	8.9	14 3.15	2.8824	0.0015	9 41 7.3	11.071	0.346	94.2	237 241	9 2466
3174	9.3	14 7.01	2.8876	0.0016	9 26 2.1	11.076	0.346	96.2	352 356	9 2467
3175	8.9	14 7.03	2.9296	0.0020	7 19 0.5	11.076	0.351	95.2	225 349	7 2430
3176	8.9	8 14 7.05	+2.9481	−0.0023	− 6 22 47.1	−11.076	−0.353	94.7	115 357	6 2554
3177	8.3	14 12.31	2.9322	0.0021	7 11 25.8	11.082	0.352	94.2	225 235	7 2431
3178	7.2	14 21.46	2.9311	0.0021	7 14 43.5	11.094	0.352	93.7	117 227	7 2433
3179	6.6	14 27.64	2.8794	0.0014	9 51 13.6	11.101	0.345	95.2	241 353	9 2471
3180	8.4	14 35.32	2.8866	0.0016	9 29 43.2	11.110	0.345	95.7	238 380	9 2472
3181	8.8	8 14 39.59	+2.9118	−0.0019	− 8 13 39.3	−11.116	−0.348	95.2 95.8	121 374δ 380	8 2305
3182	8.4	14 43.00	2.9356	0.0022	7 1 43.8	11.120	0.351	92.7	15 107	6 2556
3183	8.9	15 14.16	2.8765	0.0015	10 0 57.7	11.157	0.344	94.2	223 237	9 2476
3184	8.9	15 20.80	2.9084	0.0019	8 25 4.4	11.166	0.348	94.7	121 357	8 2311
3185	9.1	15 21.49	2.9318	0.0022	7 13 49.4	11.166	0.351	93.6	117 218	7 2436
3186	7.5	8 15 34.67	+2.9500	−0.0024	− 6 18 41.8	−11.182	−0.352	92.7	17 115	6 2560
3187	8.0	15 39.58	2.9525	0.0024	6 11 13.0	11.188	0.352	92.7	19 113	6 2561
3188	9.2	15 39.91	2.8896	0.0016	9 22 22.2	11.189	0.344	94.2	234 239	9 2478
3189	8.9	15 48.23	2.9368	0.0022	6 59 22.0	11.199	0.350	92.7	15 107	6 2563
3190	7.7	16 13.66	2.9059	0.0018	8 34 1.0	11.230	0.346	92.7	21 118	8 2315
3191	8.9	8 16 22.79	+2.9279	−0.0021	− 7 27 17.2	−11.241	−0.349	94.2	218 235	7 2443
3192	7.4	16 23.52	2.9222	0.0021	7 44 27.3	11.241	0.349	94.2	216 236	7 2444
3193	9.0	16 40.05	2.8871	0.0016	9 31 42.8	11.261	0.343	95.2	229 234 383	9 2484
3194	8.1	16 40.79	2.9197	0.0020	7 52 28.1	11.262	0.347	94.2	216 236	7 2446
3195	*9.1	16 43.61	2.9546	0.0025	6 5 46.5	11.266	0.352	92.7	12* 113	5 2506
3196	7.1	8 16 44.16	+2.9104	−0.0019	−8 21 11.0	−11.266	−0.346	93.7	121 227	8 2319
3197	9.0	16 55.53	2.9155	0.0020	8 5 36.4	11.280	0.347	94.2	225 236	7 2448
3198	7.9	16 58.61	2.8850	0.0016	9 38 50.3	11.284	0.343	94.2	223 237	9 2485
3199	9.4	17 0.57	2.8913	0.0016	9 19 29.2	11.286	0.343	94.9	238 241 356	9 2486
3200	*8.8	17 13.88	2.9468	0.0023	6 30 21.0	11.302	0.350	92.7	14* 115	6 2566

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
3201	8.4	8h 17m 25s.69	+2s.9018	−0s.0018	− 8° 48′ 14″.7	−11″.316	−0″.344	93.7	21 311	8° 2323
3202	8.9	17 31.59	2.8759	0.0015	10 7 2.6	11.323	0.341	95.2	229 353	9 2490
3203	8.8	17 46.67	2.8848	0.0016	9 40 40.4	11.342	0.342	94.2	223 237	9 2492
3204	8.7	17 46.89	2.8944	0.0017	9 11 15.7	11.342	0.343	94.2	228 238	9 2493
3205	7.9	17 54.42	2.9496	0.0024	6 22 28.1	11.351	0.349	93.2	17 117 241	6 2571
3206	6.2	8 18 1.00	+2.9331	−0.0022	− 7 13 23.9	−11.359	−0.348	94.2	225 235	7 2452
3207	8.7	18 1.69	2.9129	0.0019	8 15 14.1	11.360	0.345	92.7	27 121	8 2328
3208	9.0	18 3.83	2.8966	0.0017	9 4 42.4	11.362	0.343	95.2	239 352	8 2331
3209	9.1	18 5.06	2.9149	0.0020	8 9 6.5	11.364	0.346	94.0	27 118 227 354	8 2332
3210	9.1	18 6.16	2.8999	0.0017	8 55 13.4	11.365	0.343	96.2	352 357	8 2333
3211	8.6	8 18 6.53	+2.9296	−0.0021	− 7 24 10.7	−11.365	−0.347	94.2	218 235	7 2454
3212	8.9	18 17.42	2.9401	0.0022	6 52 16.3	11.378	0.348	92.5	15 19 107	6 2573
3213	9.1	18 32.32	2.9465	0.0023	6 32 50.6	11.396	0.348	93.7	17 311	6 2574
3214	9.0	18 38.96	2.9200	0.0020	7 54 27.0	11.404	0.345	94.2	218 236	7 2457
3215	9.0	18 39.49	2.9325	0.0021	7 16 4.4	11.405	0.346	95.2	225 349	7 2458
3216	*8.2	8 18 40.22	+2.9469	−0.0023	− 6 31 57.4	−11.406	−0.348	93.7	14* 311	6 2576
3217	*8.6	18 46.11	2.9453	0.0023	6 36 43.0	11.413	0.348	92.7	14* 113	6 2577
3218	9.2	18 49.94	2.8958	0.0017	9 8 50.9	11.417	0.342	95.2	229 234 383	9 2497
3219	8.2	18 50.99	2.8860	0.0016	9 38 37.5	11.419	0.341	94.2	223 237	9 2498
3220	9.0	18 57.08	2.9059	0.0018	8 38 3.5	11.426	0.343	92.7	21 121	8 2338
3221	8.9	8 18 58.24	+2.9155	−0.0020	− 8 8 47.4	−11.427	−0.345	93.7	118 228	8 2339
3222	*8.6	18 58.99	2.9573	0.0025	5 59 53.6	11.428	0.349	92.7	12* 115	5 2518
3223	8.3	19 4.53	2.9390	0.0022	6 56 30.1	11.435	0.347	93.2 93.7	15a 107 241	6 2579
3224	8.0	19 10.41	2.9084	0.0018	8 30 49.5	11.442	0.343	92.7	21 121	8 2341
3225	9.4	19 13.06	2.8945	0.0017	9 13 26.2	11.445	0.342	95.2	238 356	9 2500
3226	8.7	8 19 14.01	+2.8928	−0.0016	− 9 18 23.0	−11.446	−0.341	95.2	239 353	9 2501
3227	8.7	19 15.57	2.9168	0.0020	8 4 51.7	11.448	0.345	94.2	216 235	7 2463
3228	9.0	19 36.42	2.9182	0.0020	8 1 23.6	11.473	0.344	95.2	236 357	7 2465
3229	7.5	19 36.72	2.9148	0.0019	8 11 50.7	11.474	0.344	92.7	27 118	8 2343
3230	8.7	19 39.89	2.9184	0.0020	8 0 30.2	11.477	0.344	95.2	236 357	7 2466
3231	8.5	8 19 42.31	+2.8758	−0.0015	−10 11 3.5	−11.480	−0.339	94.2	237 241	10 2506
3232	8.8	19 42.87	2.8852	0.0016	9 42 19.5	11.481	0.340	94.2	223 234	9 2504
3233	8.2	19 46.57	2.9069	0.0018	8 36 16.7	11.485	0.342	95.2	242 352	8 2345
3234	8.9	19 55.08	2.9575	0.0025	6 0 18.5	11.496	0.348	92.7	17 117	5 2520
3235	9.4	20 18.00	2.9501	0.0024	6 23 47.2	11.523	0.347	96.2	311 382	6 2584
3236	7.6	8 20 20.37	+2.8904	−0.0016	− 9 27 38.6	−11.526	−0.340	94.2	238 241	9 2508
3237	7.8	20 20.94	2.9414	0.0022	6 50 41.3	11.526	0.346	92.7	15 107	6 2585
3238	8.7	20 29.35	2.8809	0.0015	9 56 58.1	11.536	0.339	95.2	229 353	9 2512
3239	6.3	20 47.06	2.9069	0.0018	8 37 49.7	11.558	0.341	94.2	21 352	8 2352
3240	9.1	20 51.23	2.8914	0.0016	9 25 19.3	11.562	0.340	95.2	234 356	9 2513
3241	8.8	8 20 53.12	+2.9206	−0.0020	− 7 55 47.9	−11.565	−0.343	94.2	218 236	7 2479
3242	9.2	20 56.18	2.8766	0.0015	10 10 56.1	11.568	0.339	95.2	237 357	10 2512
3243	8.6	21 0.01	2.8919	0.0016	9 24 23.3	11.573	0.339	94.2	234 239	9 2515
3244	8.7	21 0.30	2.8790	0.0015	10 3 41.2	11.573	0.338	95.2	223 353	9 2516
3245	8.4	21 3.69	2.9104	0.0019	8 27 28.7	11.577	0.342	93.7	121 228	8 2353
3246	6.7	8 21 13.73	+2.8766	−0.0015	−10 11 23.8	−11.589	−0.338	95.2	223 353	10 2514
3247	7.0	21 15.16	2.9158	0.0019	8 11 17.0	11.591	0.342	92.7	27 118	8 2355
3248	8.7	21 20.23	2.9024	0.0017	8 52 40.5	11.597	0.340	95.2	242 354	8 2356
3249	8.3	21 25.70	2.9261	0.0021	7 39 46.5	11.604	0.343	95.2	225 354	7 2482
3250	8.6	21 27.41	2.9553	0.0025	6 8 44.7	11.606	0.346	92.7	17 117	6 2591

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3251	9.1	8h 21m 27s.48	+2s.8969	—0s.0017	—9° 9′ 35″.3	—11″.606	—0″.340	94.2	238 242	9° 2518
3252	*8.3	21 39.12	2.9242	0.0020	7 45 48.1	11.620	0.342	94.7	225 311*	7 2484
3253	8.4	21 58.77	2.9171	0.0020	8 8 14.4	11.643	0.342	93.2	27 236	7 2485
3254	8.6	22 12.26	2.8989	0.0017	9 4 45.7	11.659	0.339	93.7	121 241	8 2362
3255	*7.5	22 21.95	2.9569	0.0025	6 4 47.7	11.670	0.345	93.7	19 311*	5 2530
3256	8.8	8 22 33.70	+2.9541	—0.0024	—6 13 49.8	—11.684	—0.345	94.2	17 353	6 2596
3257	9.1	22 44.35	2.9159	0.0019	8 13 6.0	11.697	0.340	93.7	118 239	8 2366
3258	8.8	22 48.62	2.9142	0.0019	8 18 31.9	11.702	0.340	93.7	121 239	8 2367
3259	*7.8	22 52.01	2.9415	0.0022	6 53 26.2	11.706	0.343	92.7	14* 107	6 2599
3260	9.0	22 55.04	2.9041	0.0017	8 50 9.3	11.709	0.338	95.2	242 352	8 2369
3261	8.6	8 22 57.93	+2.9250	—0.0020	—7 45 19.5	—11.713	—0.341	94.2	218 235	7 2491
3262	9.0	22 58.09	2.9404	0.0022	6 57 3.1	11.713	0.343	92.7	15 107	6 2601
3263	8.9	23 11.21	2.9530	0.0024	6 18 14.5	11.729	0.343	93.7	113 241	6 2603
3264[1]	9.0	23 21.95	2.9510	0.0024	6 24 27.6	11.741	0.343	94.2	19 238 357	6 2604
3265	8.7	23 23.50	2.9128	0.0019	8 23 50.0	11.743	0.339	92.7	21 118	8 2373
3266	6.5	8 23 28.70	+2.9111	—0.0019	—8 29 2.9	—11.749	—0.339	94.2	21 352	8 2374
3267	8.2	23 29.74	2.9227	0.0020	7 53 7.5	11.751	0.340	94.2	216 235	7 2495
3268	8.7	23 35.80	2.8839	0.0015	9 53 42.5	11.758	0.335	95.2 94.9	223 234δ 354	9 2529
3269	8.1	23 36.00	2.9394	0.0022	7 0 47.9	11.758	0.342	93.9	15 239 311	6 2606
3270	8.6	23 42.08	2.9233	0.0020	7 51 37.8	11.765	0.340	94.2	216 235	7 2496
3271	8.2	8 23 56.38	+2.9358	—0.0022	—7 12 44.6	—11.782	—0.342	94.2	218 236	7 2499
3272	6.6	24 1.81	2.8934	0.0016	9 24 59.8	11.788	0.336	94.2	223 228 237	9 2532
3273	8.4	24 21.65	2.9076	0.0018	8 41 23.6	11.812	0.338	92.7	27 121	8 2381
3274	8.3	24 45.26	2.9596	0.0025	5 59 1.7	11.840	0.343	92.9	17 25 238	5 2550
3275	9.5	24 50.48	2.9281	0.0021	7 38 7.8	11.846	0.340	94.2	225 236	7 2501
3276	8.8	8 24 57.04	+2.9145	—0.0019	—8 20 50.4	—11.854	—0.338	93.2	21 118 241	8 2385
3277	9.4	25 1.68	2.9332	0.0022	7 22 31.8	11.859	0.339	94.6	218 311	7 2502
3278	7.0	25 3.31	2.8800	0.0015	10 8 2.5	11.861	0.334	94.2	223 234	9 2539
3279	8.5	25 26.92	2.9328	0.0022	7 24 26.4	11.889	0.339	94.2	218 235	7 2505
3280	8.5	25 28.12	2.9329	0.0022	7 24 5.1	11.890	0.339	94.2	218 235	7 2506
3281	*7.6	8 25 30.00	+2.9462	—0.0024	—6 42 16.7	—11.892	—0.341	92.9	15 113 117*	6 2617
3282	8.7	25 32.83	2.8775	0.0014	10 16 53.3	11.896	0.332	94.2	223 237	10 2546
3283	8.7	25 36.69	2.9278	0.0021	7 40 26.0	11.900	0.339	94.2	225 236	7 2508
3284	8.5	25 40.64	2.9440	0.0024	6 49 19.9	11.905	0.340	92.7	19 113	6 2620
3285	8.2	25 42.24	2.8840	0.0015	9 56 54.6	11.907	0.333	94.2	229 234	9 2542
3286	7.4	8 25 47.34	+2.8858	—0.0015	—9 51 44.8	—11.913	—0.333	94.2	229 234	9 2543
3287	8.0	25 52.33	2.8926	0.0016	9 30 42.1	11.918	0.334	94.2	237 239	9 2545
3288	9.2	26 5.20	2.8866	0.0015	9 49 46.7	11.934	0.333	94.2	229 238 242	9 2547
3289	8.8	26 23.70	2.9007	0.0017	9 6 14.7	11.955	0.335	94.5	27 118 354 356	8 2391
3290	8.5	26 24.59	2.8915	0.0016	9 34 59.4	11.956	0.334	94.2	237 239	9 2550
3291	9.2	8 26 30.92	+2.8950	—0.0016	—9 24 14.2	—11.964	—0.333	95.2	241 352	9 2551
3292	9.1	26 39.22	2.9565	0.0025	6 11 12.0	11.973	0.341	92.5	17 25 109	6 2625
3293	8.9	26 39.95	2.9031	0.0017	8 59 22.2	11.974	0.334	92.7	27 121	8 2393
3294	9.0	26 40.58	2.9211	0.0020	8 2 41.4	11.975	0.337	94.2	216 235	7 2515
3295	8.9	26 42.39	2.8992	0.0017	9 11 31.5	11.977	0.334	93.9	118 234 241	9 2552
3296	8.1	8 26 54.62	+2.9123	—0.0018	—8 30 58.7	—11.991	—0.335	93.5	21 228 238	8 2394
3297	8.9	26 57.82	2.9475	0.0024	6 39 54.5	11.995	0.339	92.7	19 113	6 2628
3298	9.1	27 29.20	2.9396	0.0023	7 5 39.3	12.032	0.338	93.2	15 107 242	6 2630
3299	9.2	28 0.74	2.9560	0.0025	6 14 22.3	12.068	0.338	92.7	17 109	6 2634
3300	9.3	28 11.56	2.9068	0.0017	8 50 25.6	12.081	0.333	93.2	27 121 239	8 2402

[1] 9m.5 praec., parall.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3301	9.2	8^h 28^m $21^s.21$	$+2^s.8985$	$-0^s.0016$	$-9°$ $16'$ $37''.0$	$-12''.092$	$-0''.332$	94.2	229 234	9° 2564
3302	8.4	28 29.64	2.9310	0.0021	7 34 24.9	12.102	0.336	94.2	218 235	7 2527
3303	8.5	28 35.06	2.8917	0.0016	9 38 20.9	12.108	0.331	94.2	223 237	9 2569
3304	8.6	28 37.25	2.9439	0.0023	6 53 31.3	12.111	0.337	93.2	19 238	6 2636
3305	8.9	28 43.58	2.8913	0.0016	9 40 2.1	12.118	0.331	94.2	223 237	9 2570
3306	*8.0	8 28 57.77	+2.8917	−0.0016	−9 39 24.3	−12.135	−0.331	94.2	223 237*	9 2571
3307	7.9	29 4.63	2.9582	0.0026	6 8 24.5	12.143	0.338	93.2	25 238	5 2574
3308	8.9	29 9.09	2.9471	0.0024	6 44 13.8	12.148	0.337	92.7	19 113	6 2639
3309	9.1	29 16.20	2.8942	0.0016	9 31 52.2	12.156	0.331	94.2	229 234	9 2572
3310	*7.5	29 20.30	2.8927	0.0016	9 36 38.7	12.161	0.331	94.7	223 313*	9 2574
3311	8.4	8 29 20.45	+2.9243	−0.0020	−7 57 5.8	−12.161	−0.334	94.2	225 236	7 2533
3312	8.4	29 30.78	2.9564	0.0025	6 14 48.9	12.173	0.338	92.7	17 107	6 2642
3313	8.8	29 50.59	2.9342	0.0022	7 26 3.6	12.196	0.334	94.2	225 235	7 2535
3314	9.0	30 0.70	2.9569	0.0025	6 14 2.3	12.208	0.337	92.7	17 107	6 2646
3315	9.0	30 1.41	2.9048	0.0017	8 59 35.8	12.209	0.331	92.7	21 118	8 2415
3316	8.7	8 30 12.52	+2.9171	−0.0019	−8 21 16.4	−12.221	−0.332	93.7	121 242	8 2418
3317	8.8	30 20.94	2.9474	0.0024	6 44 46.8	12.231	0.336	94.7	113 356	6 2648
3318	9.0	30 22.23	2.8854	0.0015	10 1 43.9	12.233	0.329	94.2	234 239	9 2581
3319	8.8	30 27.32	2.9333	0.0022	7 29 59.9	12.238	0.333	94.2	225 235	7 2537
3320	8.6	30 30.93	2.8931	0.0016	9 37 53.4	12.243	0.329	94.8	241 313	9 2583
3321	9.1	8 30 32.16	+2.9155	−0.0019	−8 26 57.4	−12.244	−0.331	93.7	121 242	8 2420
3322	**6.1**	**30 35.38**	**2.9308**	**0.0021**	**7 38 16.4**	**12.248**	**0.335**		**Fund. Cat.**	**7 2540**
3323	8.9	30 39.57	2.9497	0.0024	6 37 56.6	12.253	0.335	93.2	25 238	6 2649
3324	9.0	30 45.23	2.8854	0.0015	10 2 26.6	12.259	0.328	94.2	234 239	9 2587
3325	9.0	31 19.99	2.9494	0.0024	6 39 42.2	12.299	0.335	92.7	25 113	6 2654
3326	9.4	8 31 29.89	+2.9342	−0.0022	−7 28 47.5	−12.311	−0.332	94.2	225 235	7 2545
3327	9.0	31 38.69	2.8847	0.0015	10 6 21.4	12.321	0.327	94.8	239 313	9 2592
3328	7.9	31 44.63	2.8826	0.0014	10 13 9.5	12.328	0.326	94.7	229 313	10 2578
3329	8.8	31 47.68	2.8869	0.0015	9 59 54.0	12.331	0.327	94.2	234 241	9 2593
3330	8.3	31 48.14	2.8896	0.0015	9 51 12.9	12.332	0.327	95.2	241 353	9 2594
3331	7.5	8 31 49.86	+2.8988	−0.0016	−9 22 2.2	−12.334	−0.328	95.2	244 352	9 2595
3332	8.7	31 59.62	2.9439	0.0023	6 58 28.8	12.345	0.333	93.2	19 238	6 2658
3333	9.2	32 1.44	2.9455	0.0023	6 53 13.8	12.347	0.333	95.7	311 356	6 2659 I
3334	9.2	32 2.52	2.9456	0.0023	6 52 54.3	12.348	0.333	95.7	311 356	6 2659 II
3335	8.8	32 4.03	2.9024	0.0017	9 11 2.0	12.350	0.329	95.2	244 352	9 2597
3336	8.7	8 32 10.00	+2.9347	−0.0022	−7 28 9.0	−12.357	−0.332	94.2	225 235	7 2552
3337	9.6	32 12.19	2.8986	0.0016	9 23 38.0	12.359	0.328	96.2	353 357	9 2599
3338	8.8	32 15.43	2.9109	0.0018	8 44 34.5	12.363	0.330	92.7	21 118	8 2427
3339	9.2	32 17.89	2.9184	0.0019	8 20 24.2	12.366	0.329	95.2	121 374	8 2428
3340	*8.4	32 25.16	2.9599	0.0026	6 7 28.5	12.374	0.334	92.7	17* 107	5 2590
3341	9.0	8 32 39.06	+2.9393	−0.0022	−7 14 12.4	−12.390	−0.332	94.2	218 236	7 2557
3342	9.0	32 42.55	2.9113	0.0018	8 43 50.7	12.394	0.329	92.7	21 118	8 2430
3343	8.5	32 55.21	2.9536	0.0025	6 28 27.9	12.409	0.333	93.7	109 242	6 2663
3344	7.3	32 57.17	2.9539	0.0025	6 27 31.9	12.411	0.333	93.7	109 242	6 2664
3345	8.2	33 7.01	2.9180	0.0019	8 23 13.8	12.422	0.329	92.7	27 119	8 2434
3346	[7.0]	8 33 7.31	+2.9153	−0.0018	−8 31 52.9	−12.422	−0.329	92.7	27 119	8 2436
3347	8.7	33 9.28	2.9571	0.0025	6 17 21.4	12.425	0.333	92.7	19 113	6 2667
3348	6.2	33 24.82	2.9568	0.0025	6 18 43.7	12.442	0.332	92.7	19 113	6 2669
3349	8.8	33 26.94	2.9214	0.0019	8 12 56.3	12.445	0.329	93.7	121 241	8 2438
3350	8.9	33 31.36	2.9091	0.0017	8 52 29.0	12.450	0.327	93.8	121 244	8 2439

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3351	8.4	8^h 33^m $38^s.52$	+2.9429	−0.0023	−7° 3′ 45″.2	−12″.458	−0″.331	94.2	238 242	6° 2670
3352	8.8	33 42.00	2.9613	0.0026	6 4 38.0	12.462	0.333	92.7	17 107	5 2599
3353	8.4	33 58.90	2.9219	0.0019	8 12 17.1	12.481	0.329	94.2	238 241	8 2440
3354	7.4	34 1.23	2.9536	0.0025	6 29 47.9	12.484	0.332	92.7	25 109	6 2671
3355	8.0	34 3.96	2.8943	0.0016	9 40 43.5	12.487	0.326	94.2	223 237	9 2607
3356	8.9	8 34 14.91	+2.9599	−0.0026	−6 9 34.0	−12.500	−0.332	92.7	17 126	6 2673
3357	8.8	34 16.52	2.9317	0.0021	7 40 55.0	12.502	0.329	94.2	225 235	7 2566
3358	8.7	34 33.46	2.9031	0.0017	9 13 32.8	12.521	0.326	94.7	223 313	9 2610
3359	8.9	34 41.95	2.9288	0.0020	7 51 4.7	12.530	0.328	94.2	235 239	7 2570
3360	8.0	34 49.93	2.9104	0.0017	8 50 45.8	12.540	0.326	92.7	21 118	8 2444
3361	*7.7	8 34 53.48	+2.9032	−0.0017	−9 14 1.1	−12.544	−0.326	94.7	223 313*	9 2612
3362	8.2	34 54.44	2.8865	0.0015	10 7 27.0	12.545	0.324	94.2	229 234	9 2613
3363	9.3	35 3.52	2.9610	0.0026	6 7 5.5	12.555	0.331	93.7	107 244	5 2603
3364	8.3	35 15.79	2.9449	0.0023	6 59 38.6	12.569	0.329	94.2	238 242	6 2683
3365	9.5	35 16.26	2.9611	0.0026	6 7 5.9	12.569	0.331	94.7	244 311	5 2605
3366	8.3	8 35 42.98	+2.9569	−0.0025	−6 21 23.1	−12.600	−0.330	93.7	19 311	6 2685
3367	8.2	35 43.68	2.9367	0.0022	7 27 11.2	12.601	0.328	94.2	236 239	7 2573
3368	8.8	35 48.53	2.9340	0.0021	7 35 52.0	12.606	0.328	94.2	225 236	7 2574
3369	8.9	35 57.92	2.9042	0.0016	9 12 46.4	12.617	0.325	94.2	223 234	9 2619
3370	7.8	36 2.78	2.8878	0.0014	10 5 27.8	12.622	0.322	94.8	241 313	9 2621
3371	8.2	8 36 9.72	+2.9547	−0.0025	−6 29 25.6	−12.630	−0.329	92.7	25 109	6 2686
3372	6.3	36 10.58	2.9139	0.0018	8 41 48.8	12.631	0.325	92.7	21 118	8 2452
3373	8.3	36 18.45	2.9177	0.0019	8 29 36.1	12.640	0.325	92.7	27 121	8 2454
3374	8.7	36 21.29	2.9604	0.0025	6 10 42.6	12.643	0.330	92.7	17 113	6 2687
3375	8.1	36 42.22	2.9592	0.0025	6 15 7.7	12.667	0.329	92.7	19 113	6 2690
3376	8.8	8 36 42.91	+2.8951	−0.0015	−9 43 38.1	−12.668	−0.323	94.2	234 241	9 2623
3377	*7.7	36 57.23	2.9235	0.0019	8 12 10.7	12.684	0.325	92.7	21* 118	8 2456
3378	8.4	37 0.04	2.9289	0.0020	7 54 31.3	12.687	0.325	94.2	218 235	7 2581
3379	8.6	37 20.84	2.9319	0.0021	7 45 30.8	12.711	0.325	94.2	236 242	7 2582
3380	9.0	37 21.52	2.9515	0.0024	6 41 19.1	12.711	0.328	92.7	25 126	6 2695
3381	*7.7	8 37 22.07	+2.9233	−0.0019	−8 13 29.9	−12.712	−0.325	92.7	21* 118	8 2459
3382	8.9	37 22.85	2.9266	0.0020	8 2 33.2	12.713	0.325	94.2	238 239	7 2583 I
3383	8.9	37 23.35	2.9266	0.0020	8 2 33.4	12.713	0.325	94.2	238 239	7 2583 II
3384	8.9	37 37.43	2.9420	0.0022	7 12 49.6	12.729	0.327	94.2	236 242	7 2584
3385	*6.9	37 38.47	2.9250	0.0020	8 8 26.1	12.730	0.325	94.2	225 235*	7 2587
3386	8.6	8 37 50.42	+2.9434	−0.0023	−7 8 16.0	−12.744	−0.326	93.7	126 241	6 2700
3387	9.1	37 59.64	2.9372	0.0022	7 29 3.5	12.754	0.325	94.6	218 311	7 2588
3388	8.9	38 0.74	2.9081	0.0017	9 4 6.3	12.755	0.322	93.3	27 119 244	8 2464
3389[1]	6.8	38 3.95	2.9011	0.0016	9 26 46.8	12.759	0.321	94.2	223 237	9 2630
3390	8.6	38 4.91	2.9246	0.0019	8 10 20.4	12.760	0.324	92.7	21 119	8 2465
3391	8.9	8 38 7.74	+2.9058	−0.0016	−9 11 54.1	−12.763	−0.322	94.2	229 234	9 2631
3392	9.1	38 10.93	2.9461	0.0023	7 0 13.1	12.767	0.326	93.8	126 242	6 2702
3393	9.1	38 15.65[2]	2.9492	0.0024	6 49 55.4	12.772	0.326	95.8 92.7	19 107 414a	6 2703
3394	8.4	38 29.51	2.9515	0.0024	6 42 50.8	12.788	0.327	93.2	25 238	6 2705
3395	8.9	38 36.75	2.9032	0.0016	9 21 11.7	12.796	0.321	94.2	223 237	9 2635
3396	8.6	8 38 41.64	+2.9489	−0.0023	−6 51 34.3	−12.801	−0.325	92.7	19 107	6 2707
3397	*5.0	38 45.80	2.9488	0.0023	6 52 25.2	12.806	0.325	93.7	107 239*	6 2708
3398	7.9	39 1.51	2.9621	0.0026	6 8 36.2	12.824	0.327	92.7	17 109	5 2619
3399	8.8	39 12.21	2.8880	0.0013	10 11 39.3	12.836	0.318	94.2	229 234	10 2619
3400	9.1	39 16.74	2.9097	0.0017	9 1 13.4	12.841	0.321	93.3	27 118 244	8 2471

[1] Z. 237: Dpl. maj. [2] $15^s.51$ $15^s.71$ $15^s.74$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3401	8.9	8h 39m 38s.99	+2s.9272	—0s.0020	—8° 4' 35".8	—12".866	—0".322	94.2	225 235	7° 2595
3402	8.9	39 43.09	2.8897	0.0014	10 7 27.5	12.870	0.318	94.2	229 234	9 2641
3403	8.9	39 45.92	2.9089	0.0017	9 4 48.4	12.873	0.320	93.5	21 23 118 353	8 2474
3404	7.6	39 58.39	2.9308	0.0020	7 53 29.2	12.887	0.322	94.2	225 236	7 2597
3405	8.8	39 59.20	2.9621	0 0026	6 9 54.8	12.888	0.326	92.7	17 109	6 2713
3406	6.8	8 40 22.22	+2.9541	—0.0024	—6 36 54.0	—12.914	—0.325	92.7	25 113	6 2714
3407	9.2	40 30.53	2.9319	0.0020	7 50 46.2	12.923	0.321	94.2	218 236	7 2603
3408	8.0	40 57.11	2.9547	0.0024	6 35 58.6	12.953	0.324	92.7	25 113	6 2717
3409	9.0	40 58.12	2.9411	0.0022	7 21 4.7	12.954	0.322	94.2	235 239	7 2605
3410	8.8	41 1.47	2.9591	0.0025	6 21 12.4	12.958	0.324	92.7	19 126	6 2718
3411	8.2	8 41 3.94	+2.9624	—0.0025	—6 10 30.3	—12.960	—0.325	92.7	17 109	6 2719
3412	9.4	41 4.52	2.9096	0.0017	9 4 55.2	12.961	0.319	94.0	27 119 244 353	8 2480
3413	*7.6	41 9.55	2.8952	0.0014	9 52 42.4	12.967	0.317	94.2	223 234*	9 2648
3414	7.5	41 12.52	2.9435	0.0022	7 13 11.3	12.970	0.323	94.2	236 242	7 2607
3415	*8.7	41 14.72	2.9185	0.0018	8 36 8.4	12.972	0.320	93.7	121* 241	8 2482
3416	7.7	8 41 25.65	+2.9649	—0.0026	—6 2 44.2	—12.985	—0.324	94.6	126 244 357	5 2625
3417	7.2	41 43.26	2.9248	0.0019	8 16 30.0	13.004	0.319	92.7	27 119	8 2486
3418	9.3	41 43.67	2.9496	0.0023	6 53 53.5	13.005	0.322	93.7	109 239	6 2720
3419	8.8	41 46.32	2.8959	0.0014	9 51 35.9	13.008	0.316	94.2	223 234	9 2652
3420	8.7	41 48.78	2.9278	0.0020	8 6 10.6	13.010	0.320	94.2	225 235	7 2609
3421	8.1	8 42 4.60	+2.9588	—0.0025	—6 23 29.6	—13.028	—0.323	92.7	19 107	6 2723
3422	9.1	43 8.01	2.9654	0.0026	6 3 9.6	13.098	0.322	92.7	25 113	5 2635
3423	6.6	43 8.63	2.9630	0.0025	6 11 22.4	13.099	0.322	97.7	126 414	6 2727
3424	8.1	43 21.67	2.9377	0.0021	7 36 12.7	13.113	0.319	94.2	225 235	7 2617
3425	8.9	43 24.78	2.9496	0.0023	6 56 37.8	13.117	0.320	92.7	19 109	6 2729
3426	9.2	8 43 27.78	+2.9098	—0.0017	—9 9 12.0	—13.120	—0.316	92.7	21 118	8 2492
3427	9.1	43 48.06	2.9070	0.0016	9 19 21.3	13.142	0.314	93.5	29 229 234	9 2663
3428	8.5	43 53.96	2.9250	0.0019	8 19 14.7	13.149	0.317	93.9	23 119 353	8 2494
3429	9.0	44 5.67	2.9325	0.0020	7 54 47.6	13.162	0.317	94.2	225 236	7 2623
3430	8.4	44 11.01	2.9554	0.0024	6 38 22.8	13.167	0.320	92.7	17 126	6 2731
3431	8.4	8 44 15.29	+2.9595	—0.0025	—6 24 31.0	—13.172	—0.320	93.7	107 239	6 2732
3432	*9.1	44 19.43	2.9230	0.0019	8 27 9.0	13.177	0.316	92.6	23* 27 119	8 2498
3433	8.8	44 21.52	2.9537	0.0024	6 44 7.1	13.179	0.319	92.7	17 126	6 2733
3434	8.7	44 28.44	2.9388	0.0021	7 34 18.4	13.187	0.318	94.2	235 241	7 2627
3435	9.4	44 38.18	2.9469	0.0022	7 7 37.9	13.197	0.318	93.7	113 239	6 2735
3436	9.0	8 44 41.42	+2.9054	—0.0016	—9 26 26.2	—13.201	—0.313	93.6	29 234 244	9 2666
3437	8.2	44 43.07	2.9269	0.0019	8 14 37.9	13.203	0.316	92.7	21 118	8 2499
3438	6.2	44 47.99	2.9266	0.0019	8 15 55.1	13.208	0.315	92.7	21 118	8 2500
3439	9.0	44 55.64	2.9626	0.0025	6 15 6.5	13.216	0.319	93.7	107 242	6 2736
3440	9.2	45 18.69	2.8956	0.0013	10 0 19.8	13.242	0.312	94.2	223 229 237	9 2671
3441	8.8	8 45 52.24	+2.9552	—0.0023	—6 41 26.0	—13.278	—0.317	92.7	17 109	6 2740
3442	8.6	45 53.55	2.9371	0.0020	7 42 22.8	13.280	0.316	94.2	225 235	7 2634
3443	8.0	46 14.41	2.9134	0.0016	9 3 5.0	13.303	0.313	92.7	23 119	8 2501
3444	9.3	46 23.99	2.9219	0.0017	8 34 49.4	13.313	0.313	93.7	121 241	8 2503
3445	7.7	46 28.20	2.9189	0.0017	8 44 56.0	13.318	0.313	92.7	27 121	8 2504
3446	9.1	8 46 36.16	+2.9074	—0.0015	—9 24 1.2	—13.327	—0.311	93.2	29 234	9 2675
3447	6.0	46 39.56	2.9536	0.0023	6 48 8.7	13.330	0.319		Fund. Cat.	6 2743
3448	*9.0	46 41.25	2.9192	0.0017	8 44 12.4	13.332	0.313	92.7	27 121*	8 2507
3449	9.1	46 47.28	2.9220	0.0017	8 35 22.4	13.338	0.313	93.7	119 241	8 2508
3450	8.1	46 49.25	2.9606	0.0024	6 24 34.1	13.341	0.317	92.7	25 126	6 2744

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3451	8.1	8h 46m 52s.05	+2s.9191	−0s.0017	−8° 44′ 57″.6	−13″.344	−0″.313	92.6	21 27 121	8° 2509
3452	8.6	47 1.85	2.9460	0.0021	7 14 21.0	13.354	0.316	94.2	225 235	7 2637
3453	8.5	47 9.01	2.9407	0.0020	7 32 52.8	13.362	0.314	94.2	236 242	7 2639
3454	9.6	47 25.76	2.9587	0.0024	6 32 6.3	13.380	0.315	92.7	25 126	6 2748
3455	8.2	47 32.05	2.9443	0.0021	7 21 18.2	13.387	0.314	94.2	225 236	7 2641
3456	8.8	8 47 37.04	+2.9057	−0.0014	−9 31 45.7	−13.392	−0.310	94.2	223 237	9 2678
3457	8.6	47 39.11	2.9049	0.0014	9 34 36.6	13.395	0.310	94.2	223 237	9 2679
3458	9.2	47 52.20	2.9061	0.0014	9 31 0.1	13.409	0.310	94.2	229 234	9 2680
3459	8.9	48 17.99	2.9449	0.0021	7 20 37.3	13.437	0.313	94.2	225 235 239	7 2647
3460	8.6	48 22.62	2.9451	0.0021	7 19 58.9	13.442	0.313	94.2	235 241	7 2649
3461	8.8	8 48 37.28	+2.9648	−0.0025	−6 12 53.2	−13.458	−0.315	92.7	19 109	6 2752
3462	9.5	48 51.52	2.9237	0.0017	8 33 34.1	13.473	0.310	93.3	23 119 244	8 2516
3463	8.9	48 56.11	2.9647	0.0025	6 13 47.4	13.478	0.314	92.7	19 109	6 2754
3464	9.0	48 56.37	2.9465	0.0021	7 16 2.6	13.478	0.312	94.9	236 239 356	7 2653
3465	9.1	48 58.19	2.9150	0.0016	9 3 21.9	13.480	0.309	92.7	27 121	8 2517
3466	9.2	8 49 4.29	+2.9488	−0.0022	−7 8 17.9	−13.487	−0.313	92.7	17 107	6 2756
3467	7.6	49 22.26	2.9271	0.0018	8 22 53.8	13.506	0.310	93.7	118 241	8 2518
3468	9.0	49 23.97	2.9097	0.0015	9 22 14.0	13.508	0.308	93.6	29 234 237	9 2686
3469	8.7	49 31.16	2.9193	0.0017	8 49 32.2	13.516	0.309	94.0	21 119 244 353	8 2520
3470	8.6	49 41.59	2.9516	0.0022	6 59 32.5	13.527	0.312	92.7	17 126	6 2759
3471	9.2	8 49 45.77	+2.9269	−0.0018	−8 24 31.2	−13.532	−0.309	93.2	23 118 242	8 2523
3472	7.5	50 0.42	2.9441	0.0021	7 26 15.8	13.547	0.311	94.2	225 236	7 2658
3473	8.9	50 23.66	2.9451	0.0021	7 23 28.7	13.572	0.310	94.2	225 236	7 2660
3474[1]	...	50 35.55	2.9418	0.0020	7 35 17.6	13.585	0.310	94.2	235 239	7 2661
3475	8.1	50 36.86	2.9074	0.0014	9 32 38.2	13.587	0.306	93.5	29 223 234	9 2693
3476	8.1	8 50 47.84	+2.9214	−0.0017	−8 45 34.4	−13.598	−0.307	93.2	21 27 311	8 2525
3477	8.8	51 33.70	2.9426	0.0020	7 34 13.7	13.647	0.309	94.2	235 239	7 2665
3478	9.3	51 41.08	2.9447	0.0021	7 26 56.3	13.655	0.309	94.2	225 236	7 2668
3479	9.0	51 41.41	2.9081	0.0014	9 32 35.6	13.656	0.305	93.2	29 234	9 2694
3480	*9.1	51 54.14	2.9235	0.0017	8 40 11.9	13.669	0.306	94.0	21* 118 244 353	8 2532
3481	8.7	8 51 55.61	+2.9389	−0.0020	−7 47 39.0	−13.671	−0.307	94.7	241 311	7 2669
3482	8.7	51 55.76	2.9012	0.0013	9 57 3.4	13.671	0.304	93.2	31 237	9 2695
3483	8.7	52 10.60	2.9138	0.0015	9 14 11.5	13.687	0.305	94.2	223 237	9 2696
3484	8.9	52 21.20	2.9640	0.0025	6 21 19.1	13.698	0.310	92.5	19 25 109	6 2772
3485	9.2	52 22.13	2.9165	0.0016	9 5 23.0	13.699	0.305	93.9	23 119 356	8 2533
3486	9.1	8 52 26.88	+2.9169	−0.0016	−9 4 24.7	−13.704	−0.305	92.7	23 119	8 2534
3487	8.9	52 29.33	2.9462	0.0021	7 22 56.3	13.707	0.308	94.2	235 241	7 2671
3488	8.6	52 34.25	2.9176	0.0016	9 1 58.8	13.712	0.305	92.7	27 121	8 2536
3489	8.3	52 36.39	2.9526	0.0022	7 1 32.3	13.714	0.309	92.7	17 107	6 2774
3490	9.1	52 39.70	2.9636	0.0024	6 22 58.8	13.718	0.310	92.7	19 109	6 2776
3491	7.6	8 52 39.96	+2.9060	−0.0014	−9 42 21.1	−13.718	−0.304	93.2	31 234	9 2701
3492	8.8	52 47.77	2.9292	0.0018	8 22 42.3	13.726	0.306	93.7	121 242	8 2538
3493	9.3	52 53.68	2.9534	0.0022	6 58 47.7	13.733	0.308	92.7	17 107	6 2777
3494	8.5	53 6.04	2.9609	0.0024	6 33 19.4	13.746	0.308	92.7	19 126	6 2778
3495	8.9	53 30.69	2.9336	0.0019	8 8 51.9	13.772	0.305	94.7	225 311	7 2677
3496	*9.1	8 53 56.54	+2.9317	−0.0018	−8 16 31.9	−13.799	−0.304	92.7	21* 118	8 2541
3497	8.7	54 3.01	2.9020	0.0013	9 58 53.7	13.806	0.301	93.2	29 234	9 2707
3498	7.7	54 27.60	2.9263	0.0017	8 36 6.1	13.832	0.303	92.7	23 119	8 2543
3499	8.5	54 36.33	2.9334	0.0018	8 12 2.7	13.841	0.304	92.7	21 118	8 2545
3500	9.1	54 39.06	2.9390	0.0019	7 52 16.4	13.844	0.304	94.2	225 235	7 2684

[1] Dpl. med.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3501	8.6	8h 54m 50s.23	+2s.9224	−0s.0016	−8° 50′ 10″.4	−13″.856	−0″.302	92.7	27 121	8° 2546
3502	*8.9	55 5.12	2.9330	0.0017	8 14 11.2	13.872	0.303	94.7	121* 356	8 2547
3503	8.9	55 8.06	2.9594	0.0022	6 42 7.3	13.875	0.306	93.5	17 25 109 353	6 2781 I
3504	9.2	55 8.77	2.9594	0.0022	6 41 59.9	13.876	0.306	93.6	17 25 353	6 2781 II
3505	9.2	55 22.33	2.9496	0.0020	7 16 36.7	13.890	0.304	94.3	235 244	7 2688
3506	7.4	8 55 28.73	+2.9247	−0.0016	−8 43 42.2	−13.896	−0.302	92.7	23 119	8 2549
3507	8.8	55 34.60	2.9168	0.0014	9 11 34.3	13.903	0.301	93.2	29 234	9 2715
3508[1]	7.2	55 53.30	2.9238	0.0016	8 48 0.6	13.922	0.300	92.6	21 27 118	8 2551
3509	9.4	55 56.09	2.9232	0.0015	8 50 21.6	13.925	0.300	93.7	121 242	8 2552
3510	8.6	55 56.42	2.9542	0.0021	7 1 17.7	13.926	0.304	92.7	19 107	6 2784
3511	6.7	8 56 9.79	+2.9235	−0.0016	−8 49 40.9	−13.940	−0.300	92.7	27 118	8 2554
3512	9.1	56 10.66	2.9015	0.0012	10 6 15.5	13.941	0.299	93.5	31 223 237	9 2718
3513	8.7	56 23.99	2.9645	0.0023	6 26 5.4	13.954	0.305	93.7	19 311	6 2787
3514	7.7	56 28.70	2.9457	0.0019	7 31 57.6	13.959	0.303	94.2	225 236	7 2696
3515	9.1	56 35.84	2.9599	0.0022	6 42 30.5	13.967	0.303	92.7	17 109	6 2789
3516	9.0	8 56 45.88	+2.9355	−0.0018	−8 8 55.5	−13.977	−0.301	94.2	225 235	7 2699
3517	9.2	56 58.38	2.9203	0.0015	9 2 44.7	13.990	0.299	93.7	119 239	8 2561
3518	7.8	57 3.75	2.9385	0.0018	7 58 46.3	13.996	0.302	93.7	126 241	7 2701
3519	8.8	57 4.17	2.9641	0.0023	6 28 3.1	13.997	0.304	92.8	19 107 112	6 2794
3520	8.8	57 6.09	2.9158	0.0014	9 18 47.4[2]	13.999	0.298	93.2	29 234	9 2723
3521	9.2	8 57 6.31	+2.9659	−0.0024	−6 22 14.1	−13.999	−0.304	93.2	25 107 242	6 2795
3522	8.8	57 49.38	2.9369	0.0018	8 6 13.5	14.044	0.300	94.2	126 225 314	7 2704
3523	8.7	57 49.56	2.9287	0.0016	8 34 53.8	14.044	0.299	93.7	118 239	8 2564
3524	8.7	57 53.07	2.9216	0.0015	8 59 50.3	14.047	0.298	93.3	23 119 244	8 2565
3525	8.6	58 8.55	2.9072	0.0012	9 51 23.5	14.064	0.296	92.9	29 31 234	9 2726
3526	7.9	8 58 15.63	+2.9288	−0.0016	−8 35 41.5	−14.071	−0.298	92.7	21 118	8 2568
3527	8.6	58 30.47	2.9285	0.0016	8 36 58.3	14.086	0.298	92.7	21 121	8 2569
3528	9.1	58 34.46	2.9664	0.0023	6 22 42.8	14.090	0.302	93.7	107 242	6 2801
3529	9.0	58 39.91	2.9515	0.0020	7 15 34.6	14.096	0.300	93.9	112 236 241	7 2707
3530	8.5	58 51.16	2.9361	0.0017	8 11 12.2	14.108	0.298	93.6	27 235 244	8 2570
3531	9.1	8 58 52.22	+2.9393	−0.0018	−7 59 29.9	−14.109	−0.298	93.7	126 239	7 2709
3532	8.8	59 5.00	2.9425	0.0019	7 48 50.2	14.122	0.298	94.5	225 235 314	7 2712
3533	9.0	59 20.01	2.9229	0.0015	8 58 29.4	14.138	0.296	92.7	23 119	8 2573
3534	8.7	59 28.23	2.9013	0.0011	10 15 27.1	14.146	0.294	93.5	31 223 237	10 2732
3535	8.9	59 37.14	2.9109	0.0013	9 41 57.0	14.155	0.294	93.2	29 234	9 2732
3536	7.0	9 0 6.83	+2.9108	−0.0013	−9 43 29.4	−14.186	−0.294	93.2	29 234	9 2733
3537	8.1	0 19.17	2.9181	0.0014	9 18 19.5	14.199	0.295	93.2	31 237	9 2735
3538	9.0	0 47.10	2.9426	0.0018	7 51 40.1	14.227	0.296	93.9	126 225 236	7 2715
3539	8.3	0 47.46	2.9536	0.0020	7 12 23.1	14.228	0.298	93.2	19 112 239	7 2714
3540	8.5	0 59.70	2.9382	0.0018	8 8 9.5	14.240	0.296	94.3	126 239 314	7 2716
3541	8.6	9 1 3.46	+2.9287	−0.0016	−8 42 6.1	−14.244	−0.295	92.7	21 118	8 2577
3542	9.3	1 10.38	2.9237	0.0015	9 0 20.4	14.251	0.293	93.3	23 119 244	8 2578
3543	8.0	1 22.19	2.9116	0.0013	9 43 57.7	14.263	0.292	93.2	29 234	9 2739
3544	*8.7	1 32.35	2.9342	0.0017	8 23 36.6	14.274	0.294	92.7	27 118*	8 2580
3545	8.6	1 36.20	2.9599	0.0022	6 51 13.4	14.278	0.297	92.7	17 107	6 2817
3546	7.7	9 1 41.78	+2.9181	−0.0014	−9 21 31.0	−14.283	−0.293	93.2	31 237	9 2740
3547	8.5	1 51.29	2.9094	0.0012	9 52 54.5	14.293	0.292	94.2	223 237	9 2741
3548	*9.0	1 54.22	2.9341	0.0017	8 24 43.6	14.296	0.294	93.2 93.7	21a 118* 242	8 2582
3549	8.9	2 0.87	2.9555	0.0021	7 7 42.3	14.303	0.296	92.7	19 109	6 2821
3550	8.6	2 15.10	2.9514	0.0020	7 23 19.2	14.318	0.295	93.7	112 239	7 2721

[1] Z. 118: Dpl. maj., com. 9m.7 [2] 46″.1 (½) 48″.1

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3551	8.1	9h 2m 28s.17	+2s.9023	−0s.0011	−10° 19′ 48″.9	−14″.331	−0″.290	94.7	223 313	10° 2746
3552	8.2	2 37.10	2.9545	0.0020	7 12 38.8	14.340	0.295	93.2	19 235	7 2725
3553	7.7	2 54.03	2.9066	0.0011	10 5 16.7	14.357	0.290	94.2	223 237	9 2746
3554[1]	8.7	2 55.83	2.9626	0.0022	6 44 3.8	14.359	0.295	92.7	17 126	6 2825
3555	7.5	2 56.40	2.9174	0.0013	9 27 4.6	14.360	0.291	93.8	31 313	9 2747
3556	*8.0	9 3 3.35	+2.9516	−0.0020	− 7 24 6.5	−14.367	−0.294	94.2	235* 241	7 2726
3557	9.3	3 25.53	2.9593	0.0021	6 56 47.2	14.389	0.295	93.7	19 314	6 2826
3558	9.0	3 30.50	2.9076	0.0011	10 3 26.6	14.394	0.289	94.3	237 244	9 2749
3559	9.1	3 35.15	2.9338	0.0016	8 29 36.0	14.399	0.291	93.7	119 242	8 2587
3560	8.1	3 48.28	2.9258	0.0014	8 58 52.4	14.412	0.290	93.7	121 242	8 2589
3561	5.9	9 3 48.52	+2.9390	−0.0017	− 8 11 6.1	−14.413	−0.293		Fund. Cat.	8 2588
3562	8.7	4 14.28	2.9137	0.0012	9 43 42.5	14.439	0.289	93.8	29 313	9 2750
3563	9.0	4 16.73	2.9451	0.0018	7 50 10.3	14.441	0.291	94.7	239 311	7 2734
3564	8.0	4 19.79	2.9461	0.0019	7 46 33.0	14.444	0.291	94.2	235 239	7 2735
3565	8.9	4 20.99	2.9208	0.0013	9 18 2.6	14.445	0.289	93.9	31 237 314	9 2753
3566	*8.5	9 4 41.94	+2.9390	−0.0017	− 8 13 8.2	−14.467	−0.291	92.7	21 119*	8 2592
3567	*5.0	4 42.19	2.9363	0.0016	8 22 53.1	14.467	0.290	92.7	23 121*	8 2593
3568	8.8	4 43.30	2.9463	0.0019	7 46 31.6	14.468	0.291	94.2	235 239	7 2736
3569	7.0	4 49.18	2.9174	0.0012	9 31 53.4	14.474	0.288	93.8	29 313	9 2755
3570	8.6	4 50.81	2.9423	0.0018	8 1 32.6	14.476	0.291	94.2	236 241	7 2739
3571	9.1	9 4 56.59	+2.9479	−0.0019	− 7 41 16.6	−14.481	−0.291	94.2	225 236	7 2740
3572	8.8	5 0.53	2.9402	0.0017	8 9 47.6	14.485	0.290	93.7	121 242	7 2741
3573	*8.5	5 19.90	2.9394	0.0016	8 13 22.5	14.505	0.290	92.7	21 119*	8 2598
3574	9.2	5 33.18	2.9628	0.0021	6 47 51.5	14.518	0.291	92.7	17 126	6 2830
3575	8.9	5 54.09	2.9354	0.0016	8 28 53.9	14.539	0.288	92.7	27 118	8 2600
3576	9.2	9 6 19.38	+2.9080	−0.0011	−10 9 47.1	−14.565	−0.286	92.7	31 123	9 2761
3577	8.5	6 21.98	2.9356	0.0016	8 29 23.9	14.567	0.288	93.2	23 118 244	8 2601
3578	*8.7	6 54.78	2.9673	0.0022	6 34 11.6	14.600	0.290	92.6	9* 109	6 2839
3579	8.9	7 6.06	2.9491	0.0018	7 41 34.4	14.611	0.288	93.7	121 225	7 2754
3580	9.5[2]	7 8.05	2.9680	0.0022	6 31 49.9	14.613	0.290	92.7	17 109	6 2840
3581	9.6	9 7 15.24	+2.9593	−0.0020	− 7 4 10.5	−14.621	−0.289	92.7	19 112	6 2841
3582	9.4	7 24.20	2.9648	0.0021	6 44 11.8	14.629	0.289	92.7	25 126	6 2842I
3583	9.2	7 25.08	2.9648	0.0021	6 44 14.4	14.630	0.289	92.7	25 126	6 2842II
3584	9.0	7 27.82	2.9705	0.0022	6 23 0.8	14.633	0.290	96.9	239 244 419	6 2843
3585	*8.5	7 28.72	2.9683	0.0022	6 31 11.6	14.634	0.289	92.6	9* 109	6 2844
3586	6.0	9 7 29.79	+2.9654	−0.0021	− 6 41 59.3	−14.635	−0.289	94.2	235 239	6 2845
3587	7.8	7 38.07	2.9064	0.0009	10 19 2.3	14.643	0.283	92.7	31 123	10 2767
3588	9.4	7 39.07	2.9181	0.0011	9 36 43.5	14.644	0.284	93.2	29 234	9 2766
3589	8.8	7 51.03	2.9361	0.0015	8 31 10.9	14.656	0.286	93.2	23 118 242	8 2608
3590	8.6	8 6.14	2.9401	0.0016	8 17 1.1	14.671	0.286	92.7	21 119	8 2610
3591	8.7	9 8 7.28	+2.9586	−0.0020	− 7 8 38.3	−14.672	−0.288	93.7	112 239	6 2850
3592	9.1	8 13.72	2.9077	0.0009	10 15 53.0	14.679	0.282	92.7	31 123	10 2775
3593	8.9	8 21.09	2.9466	0.0017	7 53 27.8	14.686	0.286	93.7	121 225	7 2759
3594	*8.3	8 56.46	2.9702	0.0022	6 26 34.3	14.721	0.287	93.2	9* 126 244	6 2855
3595	8.9	9 24.12	2.9476	0.0017	7 51 43.6	14.748	0.285	93.7	121 225	7 2763
3596	9.0	9 9 40.89	+2.9716	−0.0022	− 6 22 46.5	−14.765	−0.286	92.7	19 126	6 2857
3597	9.1	9 55.21	2.9740	0.0023	6 14 7.5	14.779	0.287	94.2	236 239	6 2858
3598[3]	*7.0	9 59.14	2.9402	0.0016	8 20 35.7	14.783	0.283	92.7	21* 118	8 2615
3599	8.8	10 0.24	2.9680	0.0022	6 36 52.8	14.784	0.286	94.3	236 242 244	6 2860
3600	9.1	10 19.78	2.9186	0.0011	9 41 44.9	14.803	0.281	92.7	29 123	9 2777

[1] Tripl. maj. [2] Z. 17: 9m.2 Z. 109: 10m (½) [3] Z. 118: com. 9m.7

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3601	*9.4	9h 10m 25s.08	+2s.9697	—0s.0022	—6° 31′ 15″.5	—14″.809	—0″.285	92.6	9* 109	6° 2862
3602	7.9	10 26.94	2.9357	0.0014	8 38 47.2	14.810	0.282	92.7	23 119	8 2618
3603	7.8	10 27.91	2.9450	0.0017	8 4 1.8	14.811	0.283	93.7	121 241	7 2766
3604	9.4	10 28.77	2.9528	0.0018	7 34 49.5	14.812	0.283	94.2	225 235	7 2767
3605	8.7	10 32.27	2.9553	0.0019	7 25 37.0	14.816	0.284	94.2	235 242	7 2768
3606	7.9	9 10 39.16	+2.9410	—0.0016	—8 19 36.7	—14.822	—0.282	92.7	21 118	8 2619
3607	9.2	10 46.80	2.9128	0.0010	10 4 20.2	14.830	0.280	93.2	31 234	9 2779
3608	9.6	10 58.08	2.9196	0.0011	9 39 54.5	14.841	0.280	92.7	33 123	9 2781
3609	9.5	11 6.76[1]	2.9748	0.0023	6 13 22.4	14.850	0.285	99.0	126 400 417 418	6 2867
3610	8.1	11 10.09	2.9476	0.0017	7 56 2.9	14.853	0.282	94.2	235 241	7 2772
3611	9.3	9 11 15.10	+2.9746	—0.0023	—6 14 3.8	—14.858	—0.285	94.6	25 126 400	6 2868
3612	8.7	11 22.86	2.9361	0.0014	8 39 44.0	14.865	0.281	92.7	23 119	8 2622
3613	9.4	11 24.89	2.9700	0.0022	6 31 45.3	14.867	0.284	93.6	19 236 244	6 2869
3614	9.2	11 37.33	2.9217	0.0011	9 33 50.0	14.879	0.279	94.2	234 242	9 2785
3615	8.6	11 45.74	2.9739	0.0023	6 17 51.4	14.888	0.284	93.7	112 239	6 2872
3616	6.0	9 11 47.47	+2.9417	—0.0016	—8 19 38.1	—14.889	—0.281	92.7	21 118	8 2623
3617	7.7	12 7.25	2.9279	0.0012	9 12 9.4	14.909	0.279	92.7	27 123	9 2788
3618	8.9	12 10.57	2.9341	0.0014	8 48 45.7	14.912	0.279	92.7	23 121	8 2625
3619	9.3	12 13.94	2.9741	0.0023	6 17 36.2	14.915	0.283	92.7	25 112	6 2874
3620	9.1	12 26.37	2.9100	0.0009	10 19 56.5	14.927	0.277	93.2	29 234	10 2796
3621	8.6	9 12 39.96	+2.9625	—0.0019	—7 2 37.8	—14.941	—0.281	93.2	19 126 244	6 2875
3622	*9.1	13 13.44	2.9626	0.0019	7 3 33.4	14.973	0.282	92.6	9* 109	6 2877
3623	9.5	13 19.94	2.9640	0.0019	6 58 33.1	14.979	0.280	93.9	126 236 239	6 2880
3624	9.1	13 21.08	2.9311	0.0012	9 3 3.9	14.980	0.278	92.6	23 27 119	8 2629
3625	8.2	13 28.39	2.9406	0.0014	8 27 44.9	14.988	0.278	93.2	21 118 242	8 2631
3626	9.2	9 13 33.83	+2.9670	—0.0020	—6 47 17.3	—14.993	—0.280	94.9	239 313 314	6 2882
3627	8.2	13 54.27	2.9165	0.0009	9 59 34.6	15.013	0.276	92.6	31 33 123	9 2792
3628	8.8	14 9.57	2.9783	0.0023	6 5 11.8	15.027	0.281	93.2	25 112 244	5 2772
3629	9.0	14 27.43	2.9308	0.0012	9 7 23.0	15.045	0.276	92.6	21 27 119	8 2638
3630	8.3	14 27.91	2.9496	0.0016	7 55 57.2	15.045	0.278	93.2 93.7	35a 121 225	7 2778
3631	9.2	9 14 39.75	+2.9568	—0.0018	—7 28 49.8	—15.056	—0.278	94.2	225 235	7 2779
3632	*8.7	15 21.84	2.9498	0.0016	7 57 9.9	15.097	0.277	93.3	35 121* 242	7 2782 I
3633	*9.4	15 22.06	2.9498	0.0016	7 57 3.7	15.097	0.277	97.7	121* 417	7 2782 II
3634	8.6	15 23.83	2.9128	0.0008	10 18 7.0	15.099	0.273	93.2	29 123 234	10 2808
3635	9.6	15 25.43	2.9513	0.0016	7 51 51.5	15.100	0.276	94.9	242 313 314	7 2783
3636	7.0	9 15 28.15	+2.9305	—0.0011	—9 11 10.3[2]	—15.103	—0.275	92.6 95.0	21 27 123 419δ	9 2801
3637	4.9	15 36.12	2.9315	0.0012	9 7 53.1	15.111	0.275	92.7	21 119	8 2643
3638	8.6	15 38.82	2.9420	0.0014	8 27 47.7	15.113	0.276	93.2	23 118 244	8 2644
3639	8.9	15 44.34	2.9606	0.0018	7 16 29.2	15.118	0.277	94.2	235 239	7 2784
3640	7.5	15 49.42	2.9601	0.0018	7 18 20.2	15.123	0.277	93.7	112 239	7 2785
3641	*8.8	9 16 25.64	+2.9769	—0.0022	—6 14 54.9	—15.158	—0.278	92.5	9* 19 109	6 2891
3642	8.8	16 43.71	2.9408	0.0014	8 35 7.7	15.175	0.274	92.7	23 118	8 2647
3643	9.1	16 47.23	2.9463	0.0015	8 14 13.3	15.179	0.274	93.3	27 119 244	8 2649
3644	8.6	16 57.73	2.9503	0.0016	7 59 4.2	15.189	0.274	94.6	35 121 400	7 2789
3645	8.2	16 59.61	2.9188	0.0009	10 0 4.8	15.190	0.271	92.6	31 33 123	9 2808
3646	8.8	9 17 4.00	+2.9571	—0.0017	—7 32 48.7	—15.195	—0.274	94.2	225 235	7 2790
3647	8.3	17 11.18	2.9271	0.0011	9 28 43.5	15.201	0.272	93.2	29 234	9 2809
3648	9.2	17 18.81	2.9791	0.0022	6 8 2.6	15.209	0.277	92.7	25 126	5 2781
3649	8.2	17 37.30	2.9499	0.0015	8 2 11.7	15.226	0.273	93.6	34 121 314	7 2791
3650	9.3	17 57.11	2.9788	0.0021	6 10 27.9	15.245	0.276	92.7	19 126	5 2784 I

[1] 6s.57 6s.87 6s.79 6s.81 [2] 9″.5 8″.8 11″.3 11″.6

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3651	8.7	9h 17m 57s.14	+2s.9629	−0s.0017	−7° 12′ 34″.4	−15″.245	−0″.274	93.2	35 112 239	7° 2792
3652	6.5	17 58.25	2.9288	0.0010	9 24 39.9	15.246	0.271	93.0	29 31 123 234	9 2816
3653	9.3	17 58.32	2.9789	0.0021	6 10 1.3	15.246	0.276	97.7	126 418	5 2784 II
3654	7.8	18 12.55	2.9618	0.0017	7 17 9.4	15.260	0.273	93.3	35 121 239	7 2795
3655	8.4	18 27.73	2.9626	0.0017	7 14 37.7	15.274	0.273	93.2	34 112 132 225	7 2798
3656	9.4	9 19 2.77	+2.9416	−0.0012	−8 37 55.0	−15.307	−0.270	93.2	21 118 242	8 2663
3657	9.2	19 27.51	2.9360	0.0011	9 0 52.6	15.330	0.270	93.3	23 119 244	8 2665
3658	9.0	19 31.14	2.9365	0.0011	8 59 0.3	15.334	0.270	92.7	23 119	8 2666
3659	*8.5	19 32.55	2.9753	0.0020	6 27 21.9	15.335	0.273	92.6	9* 109	6 2899
3660	8.8	19 50.62	2.9554	0.0016	7 45 50.4	15.352	0.270	93.9	121 225 236	7 2803
3661	*9.1	9 19 51.54	+2.9758	−0.0020	−6 25 42.5	−15.353	−0.272	92.7	9* 126	6 2901
3662	8.8	20 6.94	2.9223	0.0008	9 56 2.2	15.367	0.267	92.6	31 33 123	9 2825
3663	9.1	20 18.58	2.9422	0.0012	8 38 52.6	15.378	0.269	92.7	27 118	8 2668
3664	9.0	20 20.06	2.9417	0.0012	8 40 57.8	15.380	0.269	92.7	21 118	8 2669
3665	8.8	20 21.28	2.9305	0.0010	9 24 54.5[1]	15.381	0.268	92.7 95.9	29 123 417δ	9 2826
3666	9.0	9 20 25.18	+2.9251	−0.0009	−9 46 10.7	−15.384	−0.266	94.9	31 234 400	9 2827
3667	8.9	20 41.41	2.9300	0.0010	9 27 50.2	15.399	0.267	93.2	29 234	9 2828
3668	8.9	20 45.11	2.9313	0.0010	9 22 45.5	15.403	0.267	92.7	29 123	9 2829
3669	9.2	20 53.57	2.9673	0.0018	7 1 44.0	15.411	0.270	93.8	126 242	6 2903
3670	8.5	20 54.64	2.9210	0.0007	10 3 21.2	15.412	0.266	93.8	33 313	9 2830
3671	9.2	9 21 3.54	+2.9673	−0.0018	−7 2 5.0	−15.420	−0.270	92.8	19 132	6 2904
3672[2]	9.2	21 6.14	2.9793	0.0021	6 14 25.4	15.423	0.271	94.3	25 313 314	6 2905
3673	8.9	21 29.86	2.9503	0.0014	8 10 0.4	15.445	0.268	93.2	35 121 225	7 2806
3674	8.7	21 33.58	2.9651	0.0017	7 11 39.0	15.448	0.269	92.7	34 112	7 2807
3675	9.2	21 33.70	2.9279	0.0009	9 38 22.4	15.448	0.266	93.8	129 242	9 2834
3676	9.0	9 21 47.56	+2.9587	−0.0016	−7 38 1.5	−15.461	−0.267	93.6	35 235 239	7 2808
3677	8.8	21 50.71	2.9280	0.0010	9 38 58.1	15.464	0.265	93.2	31 234	9 2835
3678	9.1	22 2.37	2.9672	0.0018	7 4 24.1	15.475	0.268	92.8 95.9	19 132 418δ	6 2912
3679	9.2	22 20.58	2.9595	0.0016	7 36 5.8	15.492	0.267	94.2	235 239	7 2810
3680	6.6	22 20.69	2.9415	0.0012	8 47 23.0	15.492	0.265	92.7	27 119	8 2678
3681	9.1	9 22 26.11	+2.9803	−0.0021	−6 12 54.2	−15.497	−0.269	93.6	25 132 313	6 2913
3682	9.3	22 34.55	2.9636	0.0016	7 19 48.6	15.505	0.267	94.8	244 314	7 2811
3683	**2.0**	**22 40.39**	**2.9502**	**0.0014**	**8 13 30.2**	**15.510**	**0.268**		**Fund. Cat.**	**8 2680**
3684	8.5	22 54.19	2.9700	0.0017	6 55 16.7	15.523	0.267	92.7	19 126	6 2917
3685	7.6	22 57.49	2.9333	0.0009	9 21 41.4	15.526	0.264	93.2	29 234	9 2840
3686	9.2	9 23 1.94	+2.9458	−0.0012	−8 32 6.4	−15.530	−0.265	92.7	27 121	8 2683
3687	7.5	23 13.66	2.9300	0.0008	9 35 21.9	15.541	0.263	92.8	33 129	9 2841
3688	7.0	23 16.88	2.9647	0.0016	7 17 7.2	15.544	0.266	93.3	34 235	7 2813
3689	8.3	23 24.55	2.9593	0.0015	7 39 10.2	15.551	0.265	93.3	35 235	7 2814
3690[3]	6.8	23 27.45	2.9307	0.0008	9 33 4.2	15.553	0.263	92.8	31 129	9 2843
3691	*7.8	9 23 28.54	+2.9257	−0.0007	−9 53 0.2	−15.554	−0.262	93.9	33 244 313*	9 2844
3692	8.0	23 31.23	2.9428	0.0011	8 45 36.9	15.557	0.264	92.7	23 119	8 2686
3693	9.0	23 38.25	2.9396	0.0010	8 58 22.3	15.563	0.264	92.7	27 119	8 2687
3694	*7.0	23 49.57	2.9267	0.0007	9 50 6.4	15.574	0.262	93.8	29 313*	9 2845
3695	8.8	23 54.63	2.9529	0.0014	8 6 5.0	15.578	0.265	92.8	37 121	7 2816
3696	7.8	9 24 0.43	+2.9540	−0.0014	−8 1 54.0	−15.584	−0.264	92.8	34 121	7 2819
3697	9.0	24 1.06	2.9594	0.0015	7 40 30.6	15.584	0.264	93.3	35 235	7 2818
3698	*9.0	24 35.51	2.9689	0.0017	7 3 27.4	15.616	0.265	92.6	9* 109	6 2923
3699	9.3	25 9.24	2.9720	0.0018	6 52 7.9	15.647	0.265	93.2	19 112 242	6 2925
3700	8.9	25 38.92	2.9224	0.0006	10 13 0.8	15.674	0.259	93.8	129 239	10 2851

[1] 52″.7 (½) 55″.0 54″.8 [2] Dpl. praec., com. 9m.3 [3] Z. 129: Dpl. praec.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3701	8.5	$9^h\,25^m\,45^s.60$	$+2^s.9570$	$-0^s.0014$	$-7°\,54'\,21''.3$	$-15''.680$	$-0''.262$	93.7	132 225	7° 2824
3702	8.4	25 57.03	2.9562	0.0014	7 58 12.8	15.690	0.262	92.8	34 132	7 2826
3703	8.9	25 58.27	2.9591	0.0016	7 46 30.6	15.691	0.262	93.3	35 235	7 2827
3704	*8.8	26 0.38	2.9817	0.0020	6 14 47.0	15.693	0.264	92.7	25* 116	6 2928
3705	8.9	26 3.54	2.9370	0.0009	9 15 46.9	15.696	0.260	94.2	234 239	9 2850
3706	9.0	9 26 8.72	+2.9353	−0.0008	−9 22 52.3	−15.701	−0.259	93.2	33 234	9 2852
3707	8.2	26 12.36	2.9535	0.0013	8 9 29.3	15.704	0.261	92.7	23 121	7 2828
3708	8.0	26 27.49	2.9605	0.0015	7 42 14.4	15.718	0.261	93.7	119 225	7 2829
3709	9.0	26 33.73	2.9710	0.0017	6 59 2.9	15.723	0.262	92.7	19 112	6 2931
3710	8.5	26 36.93	2.9332	0.0008	9 32 48.6	15.727	0.258	93.8	129 242	9 2854
3711	8.8	9 26 40.90	+2.9602	−0.0015	−7 43 43.6	−15.730	−0.261	93.2	37 119 225	7 2831
3712	6.3	26 46.43	2.9249	0.0006	10 6 39.7	15.735	0.258	94.2	234 239	9 2856
3713	*8.0	26 51.06	2.9702	0.0017	7 3 19.5	15.739	0.261	92.6	9* 126	6 2933
3714	6.0	27 3.75	2.9279	0.0006	9 55 46.9	15.751	0.257	93.2	29 234	9 2858
3715	8.7	27 17.21	2.9519	0.0013	8 18 58.7	15.763	0.259	92.7	23 118	8 2700
3716	8.4	9 27 30.10	+2.9672	−0.0015	−7 17 13.0	−15.774	−0.260	93.7	121 242	7 2834
3717	6.8	28 6.80	2.9563	0.0013	8 3 41.5	15.808	0.259	93.7	119 225	7 2836
3718	9.0	28 13.29	2.9303	0.0007	9 49 45.4	15.813	0.255	92.8	29 129	9 2861
3719	8.7	28 13.64	2.9444	0.0010	8 52 22.9	15.814	0.257	92.6	23 27 118	8 2702
3720	8.1	28 15.61	2.9326	0.0007	9 40 25.7	15.815	0.256	92.8	31 129	9 2863
3721	9.0	9 28 22.84	+2.9620	−0.0014	−7 40 19.3	−15.822	−0.258	93.3	37 121 244	7 2837
3722	7.0	28 22.91	2.9756	0.0017	6 44 46.9	15.822	0.259	92.7	19 116	6 2939
3723	*8.6	28 24.53	2.9855	0.0020	6 3 56.8	15.823	0.260	92.7	9* 126	5 2834
3724	9.0	28 47.75	2.9743	0.0017	6 50 42.9	15.844	0.259	92.7	25 112	6 2940
3725	9.4	28 48.40	2.9684	0.0015	7 15 25.0	15.845	0.259	93.8	132 242	7 2840
3726	8.7	9 28 54.98	+2.9300	−0.0005	−9 53 7.4	−15.850	−0.255	93.2	29 234	9 2869
3727	8.5	29 7.64	2.9269	0.0005	10 6 48.6	15.862	0.254	93.2	33 234	9 2871
3728	*8.8	29 37.92	2.9359	0.0007	9 31 23.6	15.889	0.254	93.8	31* 313	9 2873
3729	8.3	29 54.57	2.9715	0.0016	7 5 11.9	15.904	0.257	92.7	25 126	6 2945
3730	9.0	30 4.77	2.9356	0.0007	9 34 3.2	15.913	0.253	94.3	132 239 313	9 2876
3731	9.5	9 30 8.85	+2.9774	−0.0017	−6 41 15.1	−15.916	−0.257	92.7 98.9	19 116a 417δ 419δ	6 2946
3732	8.7	30 12.25	2.9781	0.0017	6 38 29.6	15.919	0.257	92.7	35 109	6 2947
3733	9.1	30 25.49	2.9316	0.0006	9 51 47.8	15.931	0.252	93.6 94.2	33a 234 239	9 2880
3734	8.9	30 40.55	2.9825	0.0019	6 20 55.9	15.944	0.257	92.7	35 112	6 2950
3735	8.1	30 41.81	2.9567	0.0012	8 8 32.6	15.945	0.255	93.5	34 119 235 244	7 2843
3736	8.8	9 31 15.22	+2.9739	−0.0016	−6 58 23.5	−15.975	−0.255	92.7	25 126	6 2952
3737	9.0	31 44.16	2.9255	0.0003	10 21 9.7	16.000	0.251	94.3	129 239 313	10 2876
3738	9.1	31 47.74	2.9726	0.0015	7 5 12.3	16.004	0.254	92.7	25 126	6 2955
3739	8.1	31 47.99	2.9572	0.0012	8 9 59.9	16.004	0.253	93.3	34 119 244	7 2846
3740	*8.9	31 52.69	2.9798	0.0017	6 35 4.0	16.008	0.254	92.6	9* 109	6 2956
3741	8.8	9 31 55.67	+2.9451	−0.0008	−9 0 15.3	−16.011	−0.251	92.7	23 118	8 2721
3742	9.0	32 9.22	2.9667	0.0013	7 30 43.2	16.022	0.253	93.0	35 37 121 235	7 2847
3743	9.5	32 43.18[1]	2.9292	0.0004	10 9 20.0	16.052	0.249	94.6	29 129 400	9 2889
3744	6.3	32 57.36	2.9464	0.0008	8 58 29.9	16.065	0.250	92.7	23 118	8 2725
3745	*9.2	33 4.97	2.9723	0.0015	7 9 14.5[2]	16.071	0.252	92.9	13* 112 132	6 2959
3746	9.5	9 33 5.16	+2.9729	−0.0015	−7 7 16.4	−16.071	−0.252	92.9	19 112 132	6 2958
3747	9.3	33 11.74[3]	2.9292	0.0003	10 11 20.2	16.077	0.249	94.0 94.6	29 33a 129 400	9 2890
3748	9.0	33 18.94	2.9637	0.0013	7 46 44.2	16.083	0.251	92.8	37 121	7 2851
3749	8.7	33 21.82	2.9659	0.0013	7 37 23.1	16.086	0.251	92.6	34 37 119	7 2852
3750	*8.6	33 36.97	2.9720	0.0014	7 11 58.6	16.099	0.252	92.9	13* 112 121	7 2853

[1] $43^s.10$ $43^s.14$ $43^s.30$ [2] $15''.9$ $14''.7$ $12''.8$ [3] $11^s.75$ $11^s.61$ $11^s.75$ $11^s.86$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3751	9.3	$9^h\ 33^m\ 53^s.93$	$+2^s.9742$	$-0^s.0015$	$-7°\ 3'\ 14''.5$	$-16''.114$	$-0''.251$	92.7	19 126	6° 2963
3752	8.9	34 4.27	2.9330	0.0004	9 58 26.8	16.123	0.247	93.2	31 234	9 2893
3753	8.9	34 35.09	2.9761	0.0015	6 57 16.4	16.149	0.250	92.7	25 126	6 2968
3754	8.9	34 50.32	2.9661	0.0013	7 40 24.2	16.163	0.249	93.3	34 235	7 2857
3755	8.1	34 53.08	2.9295	0.0003	10 15 36.2	16.165	0.246	93.8	129 239	10 2886
3756	6.0	9 34 54.48	+2.9316	−0.0004	−10 7 5.2	−16.166	−0.246	93.2	31 234	9 2898
3757	9.1	34 57.78	2.9360	0.0005	9 48 29.5	16.169	0.246	94.2	234 244	9 2899
3758	9.2	35 1.67	2.9851	0.0017	6 19 44.4	16.172	0.250	92.8	35 132	6 2971
3759	7.6	35 11.96	2.9526	0.0008	8 38 30.6	16.181	0.247	92.7	23 118	8 2733
3760	9.2	35 22.43	2.9704	0.0013	7 23 37.7	16.190	0.249	94.8	244 313	7 2860
3761	6.3	9 35 27.26	+2.9292	−0.0002	−10 18 57.8[1]	−16.194	−0.245	93.2 96.3	33 234 419δ	10 2888
3762	9.1	35 35.05	2.9574	0.0010	8 19 41.5	16.201	0.247	92.7	27 118	8 2735
3763	9.2	35 36.71	2.9541	0.0009	8 33 50.7	16.202	0.247	92.7	23 119	8 2736
3764	7.6	35 43.26	2.9840	0.0016	6 26 4.0	16.208	0.249	92.8	35 126	6 2974
3765	9.1	36 8.06	2.9883	0.0017	6 8 23.3	16.229	0.249	93.8 93.9	132 245δ 246	5 2865
3766	8.4	9 36 14.75	+2.9739	−0.0013	−7 10 26.0	−16.235	−0.248	92.7	19 112	6 2975
3767	9.1	36 15.81	2.9474	0.0007	9 4 36.1	16.236	0.245	92.7	27 119	8 2738
3768	7.4	36 34.49	2.9340	0.0003	10 2 51.5	16.252	0.244	93.2	31 234	9 2903
3769	9.1	36 50.71	2.9777	0.0014	6 55 45.0	16.266	0.247	92.8	25 132	6 2978
3770	8.4	36 51.08	2.9863	0.0017	6 18 20.1	16.266	0.248	92.8	35 126	6 2977
3771	9.3	9 37 3.48	+2.9791	−0.0015	−6 49 52.0	−16.277	−0.246	92.8	25 132	6 2979
3772	*8.2	37 16.21	2.9727	0.0013	7 18 32.4	16.288	0.246	93.3	37 235*	7 2867
3773	9.0	37 22.86	2.9711	0.0013	7 25 39.9	16.293	0.246	93.9	133 235 244	7 2869
3774	9.0	37 29.72	2.9686	0.0012	7 37 9.8	16.299	0.245	92.8	34 121	7 2871
3775	9.1	37 45.75	2.9684	0.0012	7 38 37.3	16.313	0.244	92.8	34 119	7 2873
3776	9.1	9 37 56.52	+2.9395	−0.0004	−9 44 5.5	−16.322	−0.242	92.8	29 129	9 2908
3777	8.9	37 59.54	2.9325	0.0002	10 14 19.3	16.324	0.242	93.2	31 234	10 2897
3778	9.1	38 0.82	2.9541	0.0008	8 41 16.7	16.325	0.243	93.2	23 118 246	8 2742
3779	*8.0	38 14.27	2.9888	0.0017	6 10 25.4	16.337	0.246	92.7	13* 116	5 2876
3780	*8.6	38 26.18	2.9862	0.0015	6 22 36.6	16.347	0.245	92.6	9* 112	6 2985
3781	9.2	9 38 36.80	+2.9501	−0.0006	−9 0 18.4	−16.356	−0.242	92.6	23 27 118	8 2749
3782	9.0	38 56.26	2.9431	0.0004	9 31 58.6	16.372	0.241	92.8	33 129	9 2911
3783	9.3	38 59.41	2.9755	0.0012	7 10 41.6	16.375	0.244	92.9	19 126 132	6 2987
3784	9.5	39 48.28	2.9704	0.0011	7 35 38.3	16.416	0.241	93.3	35 121 244	7 2879
3785	*8.3	39 54.76	2.9888	0.0016	6 14 38.8	16.421	0.243	92.7	9* 25 112 132	6 2989
3786	9.0	9 40 15.18	+2.9722	−0.0012	−7 29 1.9	−16.438	−0.242	93.3	34 119 246	7 2880
3787	9.3	40 25.47	2.9732	0.0012	7 24 59.7	16.447	0.241	93.3	37 121 246	7 2881
3788	7.6	40 28.94	2.9650	0.0010	8 1 17.0	16.450	0.240	93.7	116 244	7 2882
3789	9.2	40 40.39	2.9549	0.0007	8 46 20.2	16.459	0.239	94.6	23 118 400	8 2758
3790	*8.8	40 45.93	2.9914	0.0017	6 5 12.3	16.464	0.242	92.5	13* 19 114	5 2890
3791	9.0	9 41 13.67	+2.9395	−0.0002	−9 55 46.4	−16.487	−0.237	93.3	29 129 234	9 2917
3792	9.0	41 24.46	2.9548	0.0006	8 49 14.5	16.496	0.238	92.7	27 118	8 2760
3793	8.2	41 44.94	2.9418	0.0003	9 47 31.6	16.513	0.236	92.8 95.9	29 129 417δ	9 2920
3794	*8.6	41 47.82	2.9841	0.0013	6 39 56.0	16.515	0.239	92.5	9* 25 112	6 2997
3795	9.0	42 4.24	2.9656	0.0009	8 3 36.9	16.529	0.238	92.6	35 37 116	7 2889
3796	6.8	9 42 11.59	+2.9386	−0.0001	−10 3 38.5	−16.535	−0.236	92.8	29 129	9 2922
3797	9.6	42 14.28	2.9464	0.0003	9 29 19.0	16.537	0.237	94.2	234 244	9 2923
3798	7.0	42 16.75	2.9356	0.0000	10 16 51.8	16.539	0.235	92.8	31 132	10 2918
3799	8.7	42 17.01	2.9348	0.0000	10 20 16.7	16.539	0.235	92.8	31 132	10 2919
3800	8.7	42 18.53	2.9567	0.0006	8 43 25.9	16.541	0.237	93.2 93.6	27a 118 119 245	8 2763

[1] 58''.7 56''.2 58''.5

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3801	*9.0	9h 42m 27s.58	+2s.9799	−0s.0012	− 7° 0′ 23″.0	−16″.548	−0″.238	92.5	13* 19 114	6° 2999
3802	8.5	42 54.64	2.9665	0.0009	8 1 46.3	16.570	0.236	93.2	35 116 121 246	7 2894
3803	7.7	43 6.68	2.9710	0.0010	7 42 14.1	16.580	0.236	92.8	34 126	7 2895
3804	*7.5	43 14.54	2.9834	0.0013	6 46 53.6	16.587	0.237	92.6	9* 112	6 3003
3805	8.8	43 18.60	2.9441	0.0002	9 43 19.2	16.590	0.234	92.8 95.9	33 129 419δ	9 2926
3806	*8.4	9 43 35.44	+2.9826	−0.0013	− 6 51 14.4	−16.604	−0.236	92.5	13* 16 112	6 3005
3807	*7.0	43 48.93	2.9481	0.0003	9 27 13.6	16.615	0.234	92.8	31 133*	9 2928
3808	8.9	43 52.95	2.9672	0.0008	8 1 42.7	16.618	0.235	93.3	37 132 246	7 2898
3809	8.6	43 59.46	2.9396	0.0001	10 6 1.7	16.623	0.233	93.2	29 234	9 2931
3810	9.0	44 6.44	2.9675	0.0008	8 1 12.8	16.629	0.234	93.3	37 116 132 245	7 2900
3811	6.7	9 44 21.30	+2.9629	−0.0007	− 8 22 10.2	−16.641	−0.234	92.7	23 119	8 2771
3812	9.1	44 24.90	2.9599	0.0006	8 36 24.3	16.644	0.233	92.8	34 121	8 2772
3813	8.5	44 34.19	2.9583	0.0005	8 43 54.7	16.652	0.233	92.7	27 119	8 2773
3814	8.9	44 34.37	2.9402	0.0001	10 5 15.3	16.652	0.232	92.8	29 133	9 2935
3815	9.1	44 37.92	2.9894	0.0014	6 23 1.3	16.655	0.236	92.7	25 114	6 3009
3816	9.0	9 44 42.03	+2.9831	−0.0013	− 6 51 56.6	−16.658	−0.234	92.7	16 112	6 3010
3817	9.0	44 51.41	2.9563	0.0004	8 53 55.0	16.666	0.233	92.7	23 121	8 2774
3818	8.7	45 16.14	2.9453	0.0001	9 45 4.9	16.686	0.231	93.2	33 234	9 2938
3819	8.3	45 16.31	2.9475	0.0002	9 35 13.9	16.686	0.231	92.8	33 133	9 2939
3820	9.1	45 27.57	2.9920	0.0014	6 13 6.1	16.695	0.234	92.7	25 126	6 3012
3821	*7.5	9 45 42.81	+2.9830	−0.0011	− 6 54 50.1	−16.707	−0.233	92.6	9* 112	6 3013
3822	9.3	45 56.32	2.9710	0.0008	7 50 52.8	16.718	0.232	95.2 95.7	132 244a 400	7 2905
3823	9.0	46 12.84	2.9887	0.0013	6 30 40.2	16.731	0.232	92.7	16 126	6 3014
3824	8.9	46 25.69	2.9680	0.0007	8 5 49.8	16.742	0.231	93.9	133 244 246	7 2906
3825	9.1	46 50.49	2.9636	0.0004	8 27 25.1	16.762	0.230	92.7	27 121	8 2784
3826	9.2	9 46 55.84	+2.9766	−0.0009	− 7 28 13.4	−16.766	−0.231	93.8	132 244	7 2908
3827	8.1	47 8.10	2.9517	0.0002	9 22 42.4	16.776	0.229	92.8	31 123	9 2945
3828	9.2	47 15.21	2.9639	0.0004	8 27 44.6	16.781	0.229	93.9	121 245 246	8 2787
3829	8.9	47 21.52	2.9426	0.0000	10 5 27.5	16.786	0.228	92.7	29 123	9 2946
3830	8.3	47 22.69	2.9813	0.0010	7 7 46.2	16.787	0.230	92.7	19 25 114 126	6 3016
3831	7.2	9 47 31.06	+2.9601	−0.0004	− 8 45 43.6	−16.794	−0.229	92.7	23 119	8 2788
3832	5.9	47 33.44	2.9748	0.0008	7 38 2.6	16.796	0.229	92.8	35 132	7 2909
3833	8.9	47 34.81	2.9582	0.0003	8 55 4.8	16.797	0.229	92.7	23 121	8 2790
3834	*8.8	48 6.14	2.9852	0.0012	6 52 2.3	16.822	0.229	92.5	9* 16 112	6 3020
3835	7.5	48 26.78	2.9521	0.0001	9 25 58.7	16.838	0.227	92.7	31 123	9 2953
3836	8.8	9 48 50.03	+2.9499	0.0000	− 9 37 49.7	−16.857	−0.226	92.9	33 129 132	9 2955
3837	8.1	49 1.54	2.9437	+0.0001	10 6 56.6	16.866	0.225	92.8	29 133	9 2956
3838	8.9	49 9.44	2.9681	−0.0005	8 14 12.3	16.872	0.226	93.3	27 119 244	8 2792
3839	8.7	49 43.00	2.9801	−0.0009	7 20 8.3	16.898	0.226	92.8	37 126	7 2920
3840	9.3	49 50.96	2.9784	−0.0008	7 28 32.0	16.905	0.226	93.2	35 116 246	7 2921
3841	*9.1	9 50 0.39	+2.9846	−0.0010	− 6 59 21.1	−16.912	−0.226	92.5	9* 25 112	6 3027
3842	8.3	50 3.77	2.9500	−0.0000	9 41 49.7	16.915	0.224	92.6	29 33 123	9 2959
3843	*9.2	50 16.32	2.9898	−0.0012	6 35 35.1	16.925	0.226	92.5	13* 19 114	6 3028
3844	8.5	50 26.54	2.9569	−0.0001	9 11 25.9	16.932	0.224	93.3	23 119 133 245	8 2795
3845	9.0	50 45.01	2.9549	−0.0001	9 21 57.2	16.947	0.224	93.0	23 31 123 234	9 2962
3846	6.8	9 50 48.31	+2.9677	−0.0005	− 8 21 45.8	−16.949	−0.224	92.7	27 121	8 2797
3847	9.1	51 0.46	2.9638	−0.0003	8 41 7.1	16.959	0.223	93.3	34 132 244	8 2798
3848	6.7	51 9.91	2.9830	−0.0009	7 10 15.7	16.966	0.224	92.9	16 114 126	6 3033
3849	8.3	51 43.34	2.9684	−0.0004	8 21 48.2	16.992	0.222	93.3	27 119 245	8 2802
3850	8.3	51 44.13	2.9631	−0.0002	8 46 29.4	16.993	0.222	92.8	34 121	8 2803

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3851	8.4	9^{h} 51^{m} $50^{s}.97$	$+2^{s}.9494$	$+0^{s}.0002$	− 9° 52′ 7″.1	−16″.998	−0″.221	92.8	29 129	9° 2966
3852	8.0	52 5.42	2.9592	−0.0001	9 6 40.6	17.009	0.222	92.8	27 132	8 2805
3853	8.7	52 8.55	2.9619	−0.0001	8 54 1.2	17.012	0.222	93.3	34 121 244	8 2807
3854	*8.8	52 18.10[1]	2.9871	−0.0009	6 54 3.2	17.019	0.222	92.5	9* 25 112	6 3040
3855	8.6	52 26.85	2.9557	0.0000	9 24 34.7	17.026	0.221	93.0	23 31 123 234	9 2967
3856	8.4	9 52 29.43	+2.9773	−0.0006	− 7 41 56.6	−17.028	−0.221	93.2	35 116 246	7 2931
3857	8.7	52 43.66	2.9577	0.0000	9 16 9.7	17.039	0.221	92.9	31 123 133	9 2968
3858	8.7	52 57.51	2.9442	+0.0003	10 21 0.2	17.049	0.219	92.8	33 129	10 2957
3859	*8.8	53 19.81	2.9974	−0.0012	6 7 36.3	17.067	0.222	92.9	13* 112 126	5 2954
3860	8.6	53 33.31	2.9903	−0.0010	6 42 27.7	17.077	0.220	93.2	25 114 132 245	6 3045
3861	8.8	9 53 44.13	+2.9771	−0.0006	− 7 46 43.3	−17.085	−0.219	92.6	35 37 116	7 2934
3862	8.1	54 35.19	2.9827	−0.0007	7 22 40.5	17.124	0.218	92.7	34 116	7 2936
3863	8.3	54 42.47	2.9474	+0.0004	10 13 22.9	17.129	0.216	93.6	123 129 244	10 2965
3864	*8.5	55 13.59	2.9972	−0.0011	6 13 33.4	17.153	0.219	93.2	9* 112 246	6 3054
3865	*8.9	55 23.33	2.9873	−0.0008	7 2 18.3	17.160	0.217	93.2	13* 114 132 245	6 3055
3866	7.9	9 55 36.84	+2.9617	0.0000	− 9 7 59.0	−17.171	−0.216	92.7	27 119	8 2821
3867	8.5	55 44.65	2.9927	−0.0010	6 37 1.8	17.176	0.217	92.9	16 114 133	6 3056
3868	8.9	55 49.55	2.9523	+0.0003	9 54 37.7	17.180	0.215	93.2	29 123 234	9 2973
3869	*8.7	55 51.01	2.9975	−0.0011	6 13 23.1	17.181	0.218	93.2	9* 112 126 246	6 3057
3870	9.1	55 54.13	2.9631	0.0000	9 2 14.1	17.184	0.216	92.7	23 27 119 121	8 2823
3871	9.0	9 56 22.19	+2.9483	+0.0005	−10 16 19.2	−17.205	−0.214	92.8	31 129	10 2976
3872	9.2	56 58.60	2.9805	−0.0005	7 40 50.7	17.232	0.214	93.2	35 116 244	7 2942
3873	8.6	57 4.91	2.9532	+0.0004	9 55 19.0	17.237	0.213	93.2	29 123a 234	9 2975
3874	7.5	57 15.07	2.9530	+0.0004	9 56 54.0	17.244	0.212	93.2	29 123 234	9 2976
3875	9.0	57 23.84	2.9603	+0.0001	9 22 3.3	17.251	0.213	92.8	33 129	9 2977
3876	8.8	9 57 27.56	+2.9999	−0.0012	− 6 6 5.6	−17.253	−0.215	92.9	16 112 126	5 2975
3877	*9.0	57 27.65	2.9938	−0.0010	6 36 40.6	17.253	0.214	93.2	13* 114 245	6 3060
3878	8.9	57 31.17	2.9821	−0.0006	7 34 56.1	17.256	0.213	92.6	34 35 132	7 2944
3879	8.3	58 0.13	2.9560	+0.0003	9 45 23.6	17.277	0.211	92.8	31 129	9 2979
3880	8.8	58 0.87	2.9970	−0.0011	6 21 58.0	17.278	0.214	93.2	25 114 246	6 3062
3881	7.9	9 58 8.83	+2.9726	−0.0002	− 8 24 12.7	−17.284	−0.212	92.7	27 119	8 2833
3882	8.3	58 13.55	2.9646	0.0000	9 4 28.5	17.287	0.212	92.7	23 121	8 2834
3883	*8.8	58 13.67	2.9996	−0.0012	6 9 21.2	17.288	0.214	92.6	9* 112	5 2979
3884	8.5	58 15.81	2.9764	−0.0004	8 5 52.9	17.289	0.212	92.8	37 132	7 2946
3885	7.4	58 26.30	2.9505	+0.0005	10 14 40.5	17.297	0.211	92.8	33 133	10 2985
3886	6.0	9 58 44.54	+2.9648	+0.0001	− 9 5 23.0	−17.310	−0.211	92.7	23 119	8 2836
3887	*9.5	58 47.14	2.9895	−0.0007	7 2 12.3	17.312	0.212	92.6 92.7	16*a 25 126	6 3065
3888	8.9	58 52.16	2.9792	−0.0003	7 54 5.9	17.316	0.211	92.8	37 132	7 2948
3889	7.8	58 53.19	2.9579	+0.0004	9 40 6.6	17.317	0.210	92.8	31 129	9 2984
3890	*8.9	58 57.64	2.9879	−0.0006	7 10 40.7	17.320	0.212	93.2	13* 116 245	6 3066
3891	8.7	9 59 8.76	+2.9526	+0.0005	−10 7 2.9	−17.328	−0.209	92.8	33 133	9 2985
3892	8.7	59 22.29	2.9703	0.0000	8 40 37.0	17.338	0.210	92.8	34 121	8 2838
3893	*7.8	59 26.50	2.9936	−0.0008	6 43 39.5	17.341	0.211	92.7	13* 114	6 3068
3894	8.2	59 34.38	2.9542	+0.0005	10 1 19.8	17.347	0.209	92.8	29 129	9 2988
3895	8.7	59 45.68	2.9739	−0.0001	8 23 33.0	17.355	0.209	92.8	37 121	8 2841
3896	7.9	10 0 32.05	+2.9666	+0.0001	− 9 3 43.4	−17.389	−0.208	92.7	23 119	8 2843
3897	8.6	0 33.50	2.9555	+0.0005	9 58 58.4	17.390	0.207	92.8 95.9	29 129 417δ	9 2990
3898	9.1	0 52.30	2.9533	+0.0006	10 11 56.9	17.404	0.207	92.8	33 133	9 2992
3899	8.9	2 9.49	2.9685	+0.0002	9 0 38.3	17.459	0.206	92.9	23 119 133	8 2848
3900	9.2	2 23.14	2.9564	+0.0006	10 2 38.8	17.469	0.204	92.9	29 123 129	9 2998

[1] $18^{s}.23$ $18^{s}.04$ $18^{s}.03$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3901	*8.0	10h 2m 25s.11	+2s.9894	−0s.0005	−7° 14′ 14″.3	−17″.470	−0″.206	92.5	13* 34 114	7° 2961
3902	*8.8	2 32.14	2.9706	+0.0001	8 51 5.7	17.475	0.205	93.6	121 132* 245	8 2851
3903	*7.0	2 47.00	2.9907	−0.0005	7 8 30.8	17.486	0.206	92.5	9* 25 112	6 3078
3904	8.8	2 49.80	2.9714	+0.0001	8 48 1.2	17.488	0.204	93.3	23 119 132 246	8 2854
3905	8.9	3 27.23	2.9875	−0.0004	7 27 36.7	17.515	0.204	92.7	35 116	7 2963
3906	8.7	10 3 29.71	+2.9902	−0.0005	−7 13 21.3	−17.516	−0.204	92.6	13 34 126	7 2964
3907	9.1	3 49.52	2.9915	−0.0005	7 7 46.3	17.531	0.204	92.7	25 112	6 3082
3908	8.7	4 25.06	2.9793	0.0000	8 13 51.8	17.556	0.202	93.3	27 119 246	8 2859
3909	8.9	4 25.99	2.9702	+0.0003	9 0 50.5	17.556	0.202	92.7	23 121	8 2860
3910	8.8	4 28.54	2.9654	+0.0005	9 26 17.4	17.558	0.202	92.7	31 123	9 3008
3911	9.0	10 4 36.46	+2.9868	−0.0003	−7 35 23.2	−17.564	−0.202	92.7	35 116	7 2969
3912	9.3	4 51.21	2.9871	−0.0003	7 34 53.3	17.574	0.201	92.7	35 116	7 2970
3913	8.9	4 57.43	3.0036	−0.0008	6 7 50.2	17.578	0.203	92.7	16 114	5 3002
3914	9.1	5 6.82	2.9551	+0.0009	10 22 16.0	17.585	0.200	93.8	123 245	10 3006
3915	6.4	5 9.40	2.9835	−0.0001	7 55 0.1	17.587	0.201	92.8	34 126	7 2972
3916	9.3	10 5 16.90	+2.9862	−0.0002	−7 41 15.1	−17.593	−0.201	92.8	37 126	7 2974
3917	8.5	5 21.83	2.9761	+0.0001	8 34 9.4	17.595	0.200	93.8	121 245	8 2863
3918	8.6	5 22.16	2.9801	0.0000	8 13 18.1	17.596	0.200	92.8	37 119	8 2862
3919	8.7	5 23.03	2.9613	+0.0007	9 51 20.2	17.596	0.199	92.9	31 123 129	9 3012
3920	9.5	5 35.19	2.9880	−0.0003	7 32 27.3	17.605	0.200	93.8	133 246	7 2976
3921	6.4	10 5 57.50	+2.9840	−0.0001	−7 55 29.6	−17.620	−0.199	92.8	34 132	7 2977
3922	9.5	6 10.36	2.9783	+0.0001	8 25 42.6	17.629	0.199	93.8	121 245	8 2865
3923	*7.7	6 11.18	2.9995	−0.0007	6 33 5.1	17.630	0.200	92.6	9* 112	6 3092
3924	*7.0	6 18.05	2.9966	−0.0005	6 49 24.7	17.635	0.200	92.7	13* 116	6 3096
3925	8.2	6 19.55	2.9730	+0.0004	8 54 33.2	17.636	0.199	92.7	23 121	8 2866
3926	8.5	10 7 13.90	+2.9914	−0.0003	−7 19 55.4	−17.673	−0.198	92.8	37 126	7 2979
3927	8.3	7 22.94	2.9634	+0.0008	9 49 40.8	17.679	0.196	94.0	31 123 313 315	9 3017
3928	8.7	7 47.25	2.9745	+0.0004	8 52 36.7	17.696	0.197	92.9	23 119 121	8 2873
3929	*8.1	7 50.98	2.9913	−0.0002	7 22 34.5	17.699	0.197	93.3	37 126 248*	7 2981
3930	8.4	8 11.06	2.9901	−0.0004	7 30 28.8[1]	17.712	0.196	93.3	35 116 133 246	7 2982
3931	8.1	10 8 17.73	+2.9853	0.0000	−7 56 58.8	−17.717	−0.196	92.8	34 132	7 2985
3932	*8.4	8 21.89	3.0014	−0.0006	6 30 3.8	17.720	0.197	92.5	9* 25 112	6 3105
3933	9.0	8 37.86	2.9894	−0.0002	7 35 32.0	17.731	0.195	93.3	35 126 248	7 2987
3934	8.6	8 42.88	2.9706	+0.0005	9 17 31.7	17.734	0.195	92.8	31 129	9 3025
3935	*8.0	8 46.01	2.9974	−0.0003	6 53 21.7	17.736	0.196	92.7	13* 114	6 3109
3936	7.5	10 9 9.41	+2.9909	−0.0001	−7 29 49.2	−17.752	−0.195	92.7	37 116	7 2989
3937	9.1	9 11.70	2.9873	0.0000	7 49 40.7	17.754	0.194	93.3	34 132 246	7 2990
3938	9.1	9 12.27	2.9686	+0.0008	9 31 15.6	17.754	0.193	93.3	33 129 245	9 3027
3939	9.0	9 23.99	3.0068	−0.0007	6 3 38.9	17.762	0.196	92.7	16 112	5 3018
3940	9.2	9 45.60	2.9998	−0.0004	6 43 49.3	17.777	0.194	93.2	16 114 133 245	6 3116
3941	8.5	10 9 58.35	+2.9833	+0.0002	−8 14 36.6	−17.785	−0.193	93.2	18 119 121 248	8 2879
3942	*8.6	10 20.94	3.0006	−0.0004	6 41 10.8	17.800	0.193	92.5	9* 25 126	6 3117
3943	9.2	11 12.16	2.9734	+0.0007	9 14 15.0[2]	17.835	0.191	92.9 95.2	31 123 129 417δ	9 3030
3944	9.2	11 30.17	2.9824	+0.0004	8 25 38.9	17.847	0.191	92.7	23 121	8 2885
3945	9.1	11 42.76	2.9630	+0.0012	10 13 13.0	17.855	0.189	94.3	33 313 315	10 3030
3946	9.1	10 11 50.40	+2.9857	+0.0003	−8 8 58.4	−17.860	−0.190	93.6	35 135 316	7 2998
3947	9.0	11 51.38	2.9736	+0.0007	9 16 1.8	17.861	0.190	92.8	31 129	9 3034
3948	8.6	11 51.45	2.9626	+0.0012	10 16 26.8	17.861	0.189	92.8	33 133	10 3031
3949	9.0	11 57.00	2.9830	+0.0004	8 24 40.4	17.864	0.190	92.8	37 119	8 2887
3950	9.0	12 2.24	2.9815	+0.0004	8 32 36.2	17.868	0.190	92.8	23 132	8 2888

[1] 29″.3 27″.2 28″.9 29″.7   [2] 16″.9 14″.5 14″.1 14″.7

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
3951	*9.2	10h 12m 18s.29	+3s.0050	—0s.0004	—6° 23′ 31″.3	—17″.879	—0″.191	92.7	13* 114	6° 3121
3952	9.5	12 34.97	2.9725	+0.0008	9 25 32.1	17.890	0.189	94.9	248 313 315	9 3036
3953	9.0	12 36.07	2.9749	+0.0007	9 12 30.0	17.890	0.189	93.3	31 129 132 246	8 2890
3954	9.3	12 36.41	2.9743	+0.0007	9 15 18.1	17.891	0.189	93.8	133 245	9 3037I
3955	9.2	12 37.53	2.9744	+0.0007	9 15 16.3	17.891	0.189	93.8	133 245	9 3037II
3956	**5.8**	**10 12 39.63**	**+2.9925**	**—0.0002**	**—7 34 9.6**	**—17.893**	**—0.191**		**Fund. Cat.**	**7 3001**
3957	*9.2	12 55.95	3.0051	—0.0004	6 24 43.5	17.903	0.190	92.7	13* 114	6 3123
3958	9.0	13 0.07	2.9948	0.0000	7 22 53.3	17.906	0.189	93.8	135 248	7 3002
3959	9.1	13 3.65	2.9671	+0.0011	9 57 43.5	17.908	0.187	94.9	246 313 315	9 3040
3960	9.0	13 9.59	2.9827	+0.0005	8 31 3.5[1]	17.912	0.188	92.7 95.9	18 132 417δ	8 2892
3961	*9.0	10 13 36.75	+2.9992	—0.0002	—7 0 3.3	—17.930	—0.188	92.7	9* 126	6 3125
3962	8.6	13 43.55	2.9870	+0.0004	8 9 32.6	17.935	0.187	92.8	35 135	7 3005
3963	8.3	14 12.49	2.9802	+0.0006	8 50 3.3	17.953	0.186	92.8	23 132	8 2895
3964	8.7	14 16.86	2.9652	+0.0013	10 14 53.4	17.956	0.185	92.8	33 129	10 3039
3965	8.8	14 27.29	2.9638	+0.0014	10 23 24.4	17.963	0.184	93.8	123 245	10 3042
3966	6.7	10 15 1.55	+2.9838	+0.0006	—8 33 16.9	—17.985	—0.184	92.9	18 119 121	8 2897
3967	8.7	15 15.00	2.9955	+0.0001	7 27 44.0	17.994	0.185	93.2	34 116 248	7 3009
3968	*8.8	15 34.20	3.0056	—0.0003	6 29 44.9	18.006	0.186	92.7	13* 16 114 135	6 3129
3969	*8.7	15 51.35	2.9957	+0.0001	7 28 45.2	18.017	0.184	93.2	9* 37 126 315	7 3011
3970	7.9	15 54.66	2.9897	+0.0004	8 3 31.7	18.019	0.184	93.3	35 132 246	7 3012
3971	8.6	10 15 56.13	+2.9851	+0.0006	—8 30 10.9	—18.020	—0.183	93.5	18 119 121 316	8 2899
3972	7.9	16 10.89	2.9883	+0.0005	8 12 20.0	18.030	0.183	93.3	34 132 136 248	7 3014
3973[2]	*	16 45.57	2.9778	+0.0009	9 16 8.1	18.052	0.182	92.9	31 123 133	9 3052
3974	8.8	17 26.16	2.9871	+0.0007	8 24 54.5	18.077	0.181	93.3	18 121 135 245	8 2904
3975	*7.5	17 43.56	2.9825	+0.0009	8 53 24.8	18.088	0.180	93.3	34 119 248*	8 2906
3976	*8.5	10 17 45.86	+3.0096	—0.0003	—6 14 54.0	—18.090	—0.182	92.7	13* 114	6 3134
3977	8.9	18 12.23	2.9799	+0.0010	9 10 45.5	18.106	0.179	92.7	18 121	8 2907
3978	9.4	18 15.57	2.9778	+0.0011	9 22 49.0	18.109	0.179	92.7	31 123	9 3057
3979	8.1	18 16.91	2.9996	+0.0001	7 16 5.9	18.109	0.180	94.0	35 116 315 316	7 3021
3980	9.0	18 31.80	2.9735	+0.0013	9 49 44.6	18.119	0.178	92.8	33 129	9 3058
3981	8.6	10 18 53.89	+3.0051	0.0000	—6 45 6.4	—18.132	—0.179	92.9	16 114 132	6 3139
3982	9.1	19 7.18	2.9783	+0.0012	9 24 27.5	18.141	0.177	92.7	31 123	9 3062
3983	9.2	19 20.06	2.9791	+0.0011	9 21 15.5	18.149	0.177	93.6	129 132 245	9 3064
3984	*7.7	19 24.85	3.0021	+0.0001	7 4 50.5	18.152	0.178	93.5	13* 114 315	6 3140
3985	8.8	19 38.81	2.9916	+0.0007	8 8 42.8	18.160	0.178	92.9	34 121 126	7 3026
3986	8.3	10 19 58.28	+2.9804	+0.0011	—9 17 7.3	—18.172	—0.176	92.7	31 123	9 3067
3987	*6.5	20 44.44	3.0082	—0.0001	6 33 20.3	18.201	0.176	92.7	13* 16 114 135	6 3146
3988	8.7	20 54.12	2.9788	+0.0012	9 31 18.5	18.207	0.174	93.3	33 123 132 245	9 3072
3989	7.8	20 56.84	3.0005	+0.0003	7 21 2.6	18.208	0.175	93.3	35 121 248	7 3030
3990	8.8	22 5.31	2.9879	+0.0010	8 42 44.5	18.250	0.172	92.9	18 119 135	8 2923
3991	9.0	10 22 14.31	+2.9914	+0.0009	—8 22 8.3	—18.255	—0.173	93.3	34 121 136 246	8 2924
3992	*8.5	22 19.84	2.9889	+0.0010	8 37 52.3	18.259	0.172	93.6	18* 119 316	8 2925
3993	8.0	22 22.82	3.0021	+0.0003	7 17 34.2	18.260	0.173	93.8	35 126 248 315	7 3039
3994	8.8	22 48.42	2.9853	+0.0011	9 2 0.4	18.276	0.171	93.3	34 121 132 245	8 2926
3995	*8.3	23 13.41	3.0143	—0.0002	6 4 54.1	18.291	0.173	92.5	13* 16 114	5 3071
3996	8.8	10 23 27.63	+2.9980	+0.0006	—7 46 39.2	—18.299	—0.171	93.3	35 126 133 248	7 3042
3997	7.5	23 30.68	2.9826	0.0013	9 22 14.6	18.301	0.170	92.8	31 33 123 136	9 3082
3998	8.6	23 43.32	2.9921	0.0010	8 25 10.0	18.309	0.171	93.3	37 119 135 245	8 2932
3999	8.9	24 8.54	2.9908	0.0010	8 34 42.3	18.323	0.169	93.3	18 121 132 246	8 2935
4000	8.8	24 34.87	2.9908	0.0010	8 36 54.8	18.339	0.168	93.3	18 119 133 246	8 2938

[1] 2s.4 4s.9 3s.3   [2] Z. 31: 7m.7, keine Bemerkung über Duplicität, Z. 123: Dpl. med. (8m.6 8m.9), Z. 133: 8m.0, Dpl.? med.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4001	9.2	10h 25m 10s.53 [1]	+2s.9858	+0s.0014	− 9° 11′ 0″.3	−18″.360	−0″.167	93.3	34 121 136 245	8° 2942
4002	7.5	25 35.37	2.9755	0.0018	10 17 44.7	18.375	0.165	92.6	31 33 123	10 3073
4003	9.3	25 53.53	2.9983	0.0009	7 56 1.3	18.385	0.167	92.6 95.0	35 37 133 419δ	7 3052
4004	*8.6	25 57.33	3.0121	0.0001	6 29 6.2	18.387	0.168	92.7	13* 114	6 3172
4005	6.4	25 58.37	3.0061	0.0001	7 7 27.9	18.388	0.171		**Fund. Cat.**	6 3173
4006	7.8	10 26 45.20	+2.9943	+0.0011	− 8 26 15.2	−18.415	−0.166	92.7	18 119	8 2945
4007	8.7	26 52.43	2.9859	0.0014	9 20 7.1	18.419	0.164	93.3	33 129 136 245	9 3094
4008	8.6	27 1.22	2.9811	0.0017	9 50 28.5	18.424	0.163	93.6	31 123 313	9 3095
4009	8.4	27 14.20	3.0018	0.0008	7 40 51.2	18.432	0.165	92.8	35 132	7 3055
4010	9.3	27 22.77	2.9987	0.0009	8 1 17.9	18.437	0.164	92.8	37 133	7 3056
4011	*9.1	10 27 34.06	+3.0144	+0.0002	− 6 20 19.9	−18.443	−0.165	93.2	13* 114 135 248	6 3180
4012	*9.0	27 38.15	3.0141	0.0002	6 22 42.1	18.446	0.165	92.9	13* 114 135	6 3181
4013	9.1	27 56.36	2.9825	0.0017	9 47 32.1	18.456	0.162	93.3	31 123 136 246	9 3097
4014	9.1	28 15.90	3.0116	0.0003	6 41 58.1	18.467	0.163	92.7	16 114	6 3185
4015	8.6	28 17.40	2.9916	0.0013	8 51 15.8	18.468	0.162	92.7	18 119	8 2946
4016	8.7	10 28 26.68	+2.9784	+0.0019	−10 16 49.5	−18.473	−0.161	92.9	33 123 136	10 3083
4017	9.3	28 39.92	2.9882	0.0015	9 15 31.5	18.481	0.161	94.3	129 243 313	9 3099
4018	9.2	29 12.19	3.0034	0.0009	7 39 8.8	18.499	0.161	94.0	35 133 315 316	7 3060
4019	8.7	29 16.27	2.9932	0.0014	8 45 50.8	18.501	0.160	93.2	18 119 245	8 2954
4020	7.3	29 19.68	2.9876	0.0016	9 22 59.2	18.503	0.160	92.7	31 123	9 3101
4021	9.0	10 29 27.99	+2.9949	+0.0013	− 8 35 59.6	−18.508	−0.160	93.3	22 132 135 248	8 2956
4022	*8.7	29 43.03	3.0178	0.0002	6 6 30.6	18.516	0.161	93.2	13* 16 126 315	5 3094
4023	*8.8	29 47.42	3.0186	0.0001	6 1 37.6	18.519	0.161	92.7	13* 114	5 3096
4024	9.0	29 49.15	3.0061	0.0008	7 24 21.2	18.520	0.160	92.8 97.7	34a 132 417δ	7 3061
4025	9.8	30 2.17	2.9887	0.0016	9 19 35.1	18.527	0.159	93.8	129 246	9 3103
4026	8.2	10 30 51.16	+3.0014	+0.0010	− 8 0 55.2	−18.554	−0.158	92.8	34 133	7 3066
4027	6.8	31 18.82	2.9832	0.0020	10 3 52.5	18.569	0.156	92.7	33 123	9 3108
4028	8.0	31 43.04	3.0004	0.0012	8 11 31.0	18.583	0.157	92.8	35 136	7 3069
4029	8.4	31 43.58	2.9923	0.0016	9 5 53.7	18.583	0.156	93.2	22 119 248	8 2961
4030	8.9	31 43.92	2.9904	0.0017	9 18 47.9	18.583	0.156	92.7	31 123	9 3109
4031	*8.7	10 31 44.72	+3.0166	+0.0004	− 6 22 24.2	−18.584	−0.158	92.7	13* 114	6 3194
4032	9.3	31 49.12	2.9948	0.0015	8 50 3.0	18.586	0.156	92.7	18 132	8 2962
4033	8.5	31 52.74	3.0088	0.0008	7 15 53.1	18.588	0.157	92.8	37 135	7 3070
4034	*6.3	32 0.71	2.9995	0.0013	8 19 11.4	18.592	0.156	93.8	136* 245	8 2963
4035	9.2	32 11.65	3.0075	0.0009	7 25 59.0	18.598	0.156	94.3	37 313 316	7 3072
4036	8.9	10 32 22.59	+3.0186	+0.0003	− 6 11 8.2	−18.604	−0.157	92.7	16 114	5 3107
4037	9.0	32 28.63	2.9937	0.0016	9 0 50.5	18.608	0.155	92.8	22 136	8 2966
4038	8.6	32 39.02	2.9922	0.0017	9 11 57.2	18.613	0.154	93.3	22 133 248	8 2967
4039	9.3	32 56.37	2.9986	0.0014	8 30 52.6	18.623	0.154	93.7	18 313	8 2968
4040	9.1	33 5.32	2.9967	0.0015	8 44 2.8	18.627	0.154	94.8	245 315	8 2969
4041	9.1	10 33 7.94	+3.0035	+0.0012	− 7 58 12.1 [2]	−18.629	−0.154	93.6	34 135 316	7 3078
4042	9.3	33 29.62	2.9832	0.0022	10 18 5.1	18.640	0.152	93.8	129 243	10 3105
4043	*8.0	33 30.97	3.0152	0.0006	6 39 43.8	18.641	0.154	92.7	13* 128	6 3201
4044	9.0	33 33.74	3.0034	0.0012	8 0 41.9	18.643	0.154	92.8	37 135	7 3079
4045	8.3	33 49.82	3.0064	0.0011	7 42 15.0	18.651	0.153	93.8	136 246	7 3081
4046	8.7	10 33 56.03	+2.9895	+0.0020	− 9 37 42.9	−18.655	−0.151	93.7	123 243	9 3113
4047	8.6	33 57.46	3.0200	0.0004	6 8 53.7	18.655	0.154	92.7	16 128	5 3113
4048	8.9	34 5.86	3.0122	0.0008	7 3 14.7	18.660	0.153	92.7	16 114	6 3204
4049	7.7	34 29.46	3.0090	0.0010	7 26 34.0	18.672	0.152	93.3	35 135 248	7 3083
4050	8.9	34 29.62	3.0034	0.0013	8 6 0.7	18.673	0.152	94.3	136 245 315	7 3082

[1] 10s.32(½) 10s.63 10s.46 10s.59   [2] 13″.3 12″.5 10″.6

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4051	8.6	10h 34m 35s.57	+2s.9912	+0s.0019	− 9° 30′ 20″.8	−18″.676	−0″.150	92.7	33 123	9° 3115
4052	8.7	34 49.03	2.9943	0.0018	9 10 54.2	18.683	0.151	93.3	22 133 246	8 2975
4053	*7.8	35 13.62	3.0205	0.0005	6 10 10.4	18.696	0.152	92.7	13* 128	5 3120
4054	7.9	35 15.24	3.0003	0.0016	8 31 22.0	18.697	0.150	92.8 95.9	18 133 417δ	8 2976
4055	8.9	35 45.61	2.9898	0.0021	9 47 32.6	18.713	0.148	93.8	129 243	9 3117
4056	9.2	10 35 49.47	+3.0008	+0.0016	− 8 30 57.6	−18.715	−0.149	93.3	18 133 246	8 2978
4057	8.9	36 3.78	2.9920	0.0020	9 33 59.8	18.722	0.148	92.7	33 123	9 3118
4058	8.8	36 5.15	3.0027	0.0015	8 19 12.5	18.723	0.149	92.8	22 136	8 2981
4059	9.0	36 16.65	3.0104	0.0011	7 26 11.6	18.729	0.149	93.3	35 135 248	7 3089
4060	9.1	36 46.76	3.0140	0.0009	7 2 42.1	18.745	0.148	92.7	16 128	6 3210
4061	9.0	10 36 47.37	+2.9949	+0.0019	− 9 18 37.1	−18.745	−0.147	93.7	123 243	9 3120
4062	9.1	36 49.37	3.0042	0.0014	8 12 34.8	18.746	0.148	95.3	313 316	7 3093
4063	7.2	36 51.25	3.0100	0.0011	7 31 58.0	18.747	0.148	93.8	35 315	7 3094
4064	7.1	37 26.75	3.0048	0.0015	8 12 15.1	18.765	0.147	93.1	6 Beob.[1]	7 3097
4065	9.3	37 32.75	3.0081	0.0013	7 49 4.7	18.768	0.146	93.8	37 136 248 315	7 3099
4066	*9.1	10 37 55.46	+3.0213	+0.0006	− 6 15 52.5	−18.780	−0.147	92.7	13* 128	6 3216
4067	*8.7	37 59.20	3.0206	0.0007	6 21 19.1	18.782	0.147	92.7	13* 128	6 3217
4068	9.1	38 13.69	3.0025	0.0017	8 33 22.7	18.789	0.145	93.3	18 130 245	8 2986
4069	9.3	38 19.11	2.9878	0.0025	10 19 13.4	18.792	0.144	93.7	123 243	10 3120
4070	9.0	38 37.14	3.0234	0.0005	6 3 18.3	18.801	0.145	92.7	16 114	5 3131
4071	8.8	10 38 38.75	+3.0233	+0.0005	− 6 4 7.1	−18.802	−0.145	92.7	16 114	5 3132
4072	9.1	38 58.47	2.9899	0.0024	10 8 25.1[2]	18.812	0.143	93.9	129 243 246	9 3128
4073	9.1	39 11.34	3.0070	0.0016	8 6 3.0	18.818	0.143	93.3	37 133 248	7 3102
4074	9.0	39 33.05	2.9898	0.0025	10 13 8.8	18.829	0.142	93.3	33 129 246	9 3130
4075	8.5	39 47.05	2.9967	0.0022	9 24 42.7	18.836	0.142	93.8	136 245	9 3133
4076	8.4	10 39 47.41	+2.9887	+0.0026	−10 23 4.1	−18.836	−0.142	92.7	33 123	10 3122
4077	9.1	40 5.18	3.0126	0.0013	7 30 5.6	18.845	0.142	93.3	35 133 248	7 3104
4078	8.3	40 26.42	3.0082	0.0015	8 4 50.7	18.856	0.141	92.6	22 34 135	7 3105
4079	*8.9	40 32.96	3.0165	0.0011	7 3 15.9	18.859	0.141	92.9	13* 114 136	6 3227
4080	9.4	40 40.51	3.0146	0.0012	7 18 50.2[3]	18.863	0.141	94.5	135 245 315 316	7 3106
4081	8.0	10 40 45.05	+2.9900	+0.0026	−10 20 25.3	−18.865	−0.140	92.8	33 129	10 3125
4082	7.4	40 49.10	2.9913	0.0025	10 11 14.8	18.867	0.140	93.6	123 129 243	9 3134
4083	9.1	41 6.94	3.0131	0.0014	7 31 26.0	18.876	0.140	93.8	35 133 248 315	7 3107
4084	8.2	41 10.39	2.9998	0.0022	9 11 18.3	18.878	0.140	92.7	18 130	8 2997
4085	9.1	41 24.44	2.9941	0.0025	9 55 14.4	18.884	0.138	93.9	129 243 246	9 3136
4086	7.8	10 41 49.95	+3.0029	+0.0020	− 8 52 12.2	−18.897	−0.139	92.7	18 130	8 2999
4087	9.1	42 13.22	3.0062	0.0018	8 29 45.7	18.908	0.138	92.8	22 133	8 3000
4088	9.1	42 28.99	3.0137	0.0014	7 34 26.0	18.916	0.138	93.8	35 135 248 315	7 3114
4089	*9.3	42 37.48	3.0239	0.0008	6 17 33.3	18.920	0.138	92.7	13* 128	6 3230
4090	8.5	42 41.11	3.0028	0.0021	8 58 21.5	18.922	0.137	92.7	18 130	8 3003
4091	9.3	10 42 43.62	+3.0069	+0.0018	− 8 28 8.5	−18.923	−0.137	92.8	22 133	8 3004
4092	8.9	42 55.24	3.0194	0.0011	6 53 18.4	18.929	0.137	92.7	16 114	6 3232
4093	8.8	42 55.87	3.0067	0.0019	8 30 25.1	18.929	0.137	92.8	22 136	8 3005
4094	8.7	43 1.93	3.0026	0.0022	9 2 27.1	18.931	0.137	92.7 95.9	18 130 417δ	8 3006
4095	8.2	43 5.71	2.9995	0.0024	9 26 49.8	18.934	0.136	92.7	33 123	9 3141
4096	9.0	10 43 33.79	+3.0010	+0.0023	− 9 18 48.2	−18.947	−0.136	93.8	129 243	9 3142
4097	8.7	43 37.38	3.0130	0.0016	7 45 58.3	18.949	0.135	92.8	37 135	7 3116
4098	8.5	43 47.32	3.0097	0.0018	8 12 51.9	18.954	0.135	94.3	136 245 315	7 3117
4099	8.7	43 52.88	3.0218	0.0011	6 38 54.0	18.956	0.135	92.7	16 128	6 3233
4100	7.0	43 57.14	3.0071	0.0020	8 34 15.2	18.958	0.135	93.8	136 246	8 3010

[1] ZZ. 22 34 37 133 135 313   [2] 26″.3 25″.2 23″.8   [3] 48″.8 50″.7 51″.3 49″.9

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4101	8.7	10h 43m 57s.96	+3s.0143	+0s.0016	— 7° 38′ 26″.8	—18″.959	—0″.135	92.6	35 37 135	7° 3118
4102	8.8	44 16.28	3.0010	0.0024	9 23 20.3	18.967	0.134	92.7	33 123	9 3145
4103	*8.8	44 30.57	3.0254	0.0009	6 14 32.3	18.974	0.135	93.2	13* 128 248	6 3235
4104	8.9	44 35.38	3.0082	0.0019	8 29 50.8	18.976	0.134	92.8	22 133	8 3014
4105	6.2	44 43.14	3.0019	0.0024	9 19 22.7	18.980	0.134	93.8	123 245	9 3147
4106	8.4	10 44 49.43	+2.9989	+0.0026	— 9 43 19.2	—18.983	—0.132	93.8	129 245	9 3148
4107	7.9	44 57.50	3.0203	0.0013	6 57 7.3	18.987	0.133	92.7	16 114	6 3237
4108	7.4	45 12.71	3.0090	0.0020	8 27 37.4	18.994	0.133	93.3 93.8	22a 130 246	8 3017
4109	**5.0**	**45 17.02**	**3.0097**	**0.0017**	**8 22 4.1**	**18.996**	**0.136**		**Fund. Cat.**	**8 3018**
4110	8.6	45 25.17	3.0268	0.0010	6 8 37.3	19.000	0.133	93.8	128 248	5 3151
4111	8.1	10 45 27.42	+3.0132	+0.0018	— 7 56 3.0	—19.001	—0.132	92.8	37 135	7 3124
4112	*8.8	45 33.77	3.0260	0.0010	6 14 32.0	19.004	0.133	92.7	13* 128	6 3239
4113	*8.5	45 56.07	3.0103	0.0020	8 21 26.6	19.014	0.131	93.6 95.7	18* 136* 313 417δ	8 3021
4114	8.7	45 58.14	3.0092	0.0021	8 30 32.5	19.015	0.131	93.8	133 245	8 3022
4115[1]	...	46 11.36[2]	3.0090	0.0021	8 34 4.7[3]	19.021	0.131	94.3	133 246 315	8 3023
4116	9.0	10 46 14.90	+3.0089	+0.0021	— 8 34 49.4	—19.023	—0.131	94.3	133 246 313	8 3024
4117	8.0	46 37.43	3.0111	0.0020	8 20 8.9	19.033	0.130	92.6	18 22 130	8 3025
4118	8.6	46 39.66	3.0171	0.0016	7 32 22.3	19.034	0.130	92.8	35 132	7 3129
4119	*8.9	46 50.83	3.0238	0.0012	6 38 49.5	19.039	0.130	92.7	20* 114	6 3246
4120	*8.5	46 51.41	3.0238	0.0012	6 39 18.8	19.039	0.130	92.5	16 20* 114	6 3247
4121	9.2	10 47 0.30	+3.0032	+0.0026	— 9 25 31.6	—19.044	—0.129	93.7	123 243	9 3157
4122	8.9	47 19.49	3.0041	0.0025	9 21 7.9	19.052	0.129	92.7	33 123	9 3158
4123	8.6	47 23.31	3.0138	0.0019	8 3 14.5	19.054	0.129	94.0	37 132 315 316	7 3130
4124	*8.0	47 40.03	3.0257	0.0012	6 27 26.0	19.062	0.129	92.9	13* 128 135	6 3250
4125	*7.6	47 47.72	3.0271	0.0011	6 17 6.0	19.065	0.129	92.7	13* 133	6 3252
4126	9.5	10 48 6.04	+3.0052	+0.0025	— 9 17 41.0	—19.073	—0.127	93.8	129 243	9 3161
4127	8.3	48 10.58	3.0089	0.0023	8 48 43.6	19.075	0.127	93.8	130 245	8 3029
4128[4]	8.9	48 19.50	2.9985	0.0030	10 13 19.6	19.079	0.126	93.6	123 136 246	9 3163
4129	9.3	48 29.25	3.0184	0.0017	7 32 21.9	19.084	0.127	93.3	35 132 136 248	7 3133
4130	8.8	48 40.47	3.0031	0.0027	9 39 29.9	19.089	0.125	92.8	33 129	9 3164
4131	*8.5	10 49 8.94	+3.0286	+0.0012	— 6 11 51.5	—19.101	—0.127	92.6	16 39* 135	5 3161
4132	8.6	49 36.18	3.0147	0.0021	8 10 18.1	19.114	0.125	94.0	37 132 315 316	7 3138
4133	8.3	49 43.98	3.0171	0.0019	7 50 45.6	19.117	0.124	93.8	133 245	7 3139
4134	8.3	49 49.37	3.0049	0.0028	9 33 7.8	19.119	0.123	92.7	33 123	9 3167
4135	8.6	50 14.52	3.0192	0.0018	7 37 0.7	19.130	0.124	94.0	35 135 315 316	7 3141
4136	9.3	10 50 15.71	+3.0090	+0.0025	— 9 1 37.5	—19.131	—0.124	92.6	18 22 130	8 3039
4137	*8.6	50 17.97	3.0231	0.0016	7 4 1.3	19.132	0.123	92.7	20* 114	6 3264
4138[5]	8.5	50 19.14	3.0286	0.0012	6 17 43.1	19.132	0.124	93.2	16 128 246	6 3265
4139	8.3	50 19.55	2.9998	0.0032	10 19 4.3	19.133	0.122	93.6	129 136 243	10 3152
4140	*8.6	50 20.95	3.0276	0.0013	6 25 38.7	19.133	0.124	93.2	13* 128 248	6 3266
4141	9.4	10 50 36.88	+3.0001	+0.0032	—10 19 20.6	—19.140	—0.122	93.8	129 245	10 3154
4142	*8.9	50 53.80	3.0303	0.0011	6 5 41.5	19.147	0.123	92.7	20* 114	5 3166
4143	8.8	51 8.05	3.0032	0.0031	9 57 26.5	19.154	0.121	93.8	123 245	9 3171
4144	9.0	51 18.73	3.0011	0.0032	10 17 7.8	19.158	0.121	93.8 93.6	129δ 133 243	10 3156
4145	7.8	51 19.46	3.0025	0.0031	10 5 26.3	19.159	0.121	93.6	123 136 243	9 3172
4146	9.3	10 51 25.14	+3.0167	+0.0021	— 8 4 48.5	—19.161	—0.121	93.6	37 132 316	7 3144
4147	9.0	51 52.29	3.0071	0.0029	9 31 3.1	19.173	0.120	93.3	33 135 248	9 3173
4148	8.3	52 5.89	3.0079	0.0028	9 25 41.8	19.178	0.120	92.8	33 135	9 3174
4149	9.1	52 8.73	3.0158	0.0023	8 18 6.4	19.180	0.120	93.3	18 130 246	8 3046
4150	8.2	52 35.64	3.0200	0.0021	7 45 6.8	19.191	0.119	92.8	35 132	7 3147

[1] Z Z. 246 315: Dpl. med. (9m.0 9m.1) Z. 133: 9m.1, keine Bemerkung über Duplicität [2] 11s.24(½) 11s.42 11s.37
[3] 6″.9(½) 4″.6 3″.8 [4] Dpl. maj. [5] Z. 128: Dpl. seq., com. 10m

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4151	9.3	10^h 52^m $42^s.04$	$+3^s.0028$	$+0^s.0033$	−10° 14′ 35″.5	−19″.194	−0″.118	94.8 94.3	129δ 243 315	10° 3162
4152	9.3	52 42.08	3.0116	0.0027	8 58 10.6	19.194	0.119	93.3	22 130 248	8 3047
4153	9.2	52 45.51	3.0149	0.0025	8 30 4.5	19.195	0.119	93.8	133 245	8 3049
4154	9.2	53 2.06	3.0232	0.0019	7 18 53.7	19.202	0.119	93.6	37 132 316	7 3149
4155	9.3	53 9.42	3.0034	0.0033	10 13 27.9	19.205	0.117	94.8	243 315	9 3178
4156	*8.8	10 53 27.07	+3.0290	+0.0016	− 6 31 10.0[1]	−19.213	−0.118	92.5	13* 20* 39* 128	6 3274
4157	8.9	53 50.61	3.0171	0.0024	8 19 4.2	19.222	0.117	92.8	18 133	8 3055
4158	9.2	53 58.19	3.0150	0.0025	8 38 41.2[2]	19.226	0.116	93.6 95.8	125 133 245 417δ	8 3057
4159	9.1	53 58.93	3.0046	0.0033	10 10 5.6	19.226	0.116	93.8	123 246	9 3181
4160	7.5	54 17.13	3.0075	0.0032	9 47 23.0	19.233	0.115	92.7	30 123	9 3182
4161	9.0	10 54 22.38	+3.0277	+0.0017	− 6 48 29.4	−19.236	−0.116	92.9	16 114 136	6 3278
4162	9.0	54 29.00	3.0064	0.0033	9 58 44.2	19.238	0.115	92.8 92.9	30 129δ 135	9 3183
4163	*8.6	54 42.10	3.0263	0.0018	7 2 24.7[3]	19.244	0.116	92.9	13* 114 136	6 3281
4164	8.9	54 45.82	3.0154	0.0026	8 40 42.4	19.245	0.115	93.3	18 130 248	8 3059
4165	7.5	55 20.98	3.0141	0.0028	8 57 21.7	19.259	0.114	92.7	22 130	8 3062
4166	8.6	10 55 23.60	+3.0111	+0.0030	− 9 24 6.6	−19.261	−0.114	92.7 95.9	33 123 417δ	9 3185
4167	9.0	55 42.50	3.0159	0.0027	8 43 23.3	19.268	0.113	93.3	18 133 136 248	8 3063
4168	9.0	56 7.47	3.0265	0.0020	7 9 54.6	19.278	0.113	92.7	16 114	6 3287
4169	7.5	56 13.56	3.0131	0.0030	9 14 4.2	19.281	0.112	93.8	135 245	8 3066
4170	9.2	56 17.62	3.0230	0.0023	7 42 57.9	19.282	0.113	92.6	35 37 132	7 3158
4171	9.2	10 56 22.16	+3.0086	+0.0034	− 9 55 41.0	−19.284	−0.112	93.8 93.6	129δ 135 243	9 3190
4172	8.7	56 32.19	3.0314	0.0016	6 26 37.5	19.288	0.113	92.7	20 128	6 3289
4173	8.0	57 2.57	3.0132	0.0031	9 19 13.6	19.300	0.111	93.7	123 243	9 3193
4174	9.6	57 26.96	3.0240	0.0023	7 41 27.0	19.310	0.111	92.8	37 135	7 3162
4175	7.3	57 30.05	3.0127	0.0032	9 27 24.9	19.311	0.110	93.7	123 243	9 3195
4176	8.7	10 57 49.71	+3.0173	+0.0029	− 8 47 25.6	−19.319	−0.109	93.3	18 133 245	8 3068
4177	8.5	57 58.40	3.0235	0.0024	7 51 5.3	19.322	0.110	92.8	35 132	7 3163
4178	9.2	58 0.57	3.0309	0.0018	6 40 59.5	19.323	0.110	92.7	16 114	6 3295
4179	9.1	58 20.02	3.0199	0.0027	8 27 39.6	19.331	0.109	93.3	22 133 248	8 3071
4180	7.9	58 46.98	3.0284	0.0021	7 8 50.3	19.341	0.108	92.7	16 128	6 3300
4181	8.4	10 58 47.82	+3.0119	+0.0034	− 9 47 14.4	−19.341	−0.107	92.7	30 123	9 3198
4182	*8.1	58 55.19	3.0198	0.0028	8 32 32.6	19.344	0.107	93.5	18 130* 135 316	8 3074
4183	9.4	59 11.37	3.0165	0.0032	9 6 46.0	19.350	0.107	93.6	132 136 245	8 3075
4184	8.9	59 22.59	3.0207	0.0028	8 28 8.5	19.355	0.107	93.3	22 130 133 248	8 3076
4185	8.4	59 34.23	3.0094	0.0037	10 17 47.4	19.359	0.106	93.8	129 243	10 3188
4186	9.2	11 0 13.40	+3.0215	+0.0028	− 8 26 52.4	−19.374	−0.106	92.8	18 22 130 133	8 3078
4187	7.9	0 13.91	3.0135	0.0035	9 45 5.5	19.374	0.105	92.9	30 123 136	9 3201
4188	8.5	0 56.16	3.0210	0.0029	8 36 51.5	19.390	0.103	93.3	18 132 248	8 3081
4189	*7.8	1 2.28	3.0341	0.0019	6 28 3.4	19.392	0.104	92.6	16 39* 135	6 3305
4190	9.5	1 4.39	3.0322	0.0021	6 48 16.4	19.393	0.104	92.9 92.8	20 128a 133	6 3307
4191	7.9	11 2 8.13	+3.0167	+0.0035	− 9 30 58.6	−19.416	−0.101	93.3	30 123 245	9 3207
4192	8.7	2 14.76	3.0255	0.0027	8 3 36.7	19.419	0.102	92.9	37 125 136	7 3174
4193	9.2	2 20.49	3.0270	0.0026	7 48 37.7	19.421	0.102	94.3	125 240 316	7 3175
4194	9.2	2 21.16	3.0173	0.0034	9 27 10.3	19.421	0.101	93.3	30 123 133 245	9 3209
4195	*8.3	2 26.21[4]	3.0363	0.0018	6 16 22.3	19.423	0.102	93.0	16 39* 114 248	6 3310
4196	8.8	11 2 44.54	+3.0167	+0.0035	− 9 37 3.1	−19.430	−0.100	93.6	129 135 243	9 3213
4197	9.2	3 26.45	3.0291	0.0026	7 36 27.1	19.445	0.099	94.0	125 136 240 316	7 3180
4198	8.4	3 55.71	3.0172	0.0037	9 43 46.6	19.455	0.098	93.8	129 243	9 3219
4199	8.9	3 57.12	3.0196	0.0035	9 19 21.3	19.455	0.098	92.6	18 30 123	9 3220
4200	*9.0	4 6.83	3.0369	0.0020	6 19 55.8	19.459	0.099	93.2	16* 114 248	6 3314

[1] 10″.2 10″.2 8″.5 11″.1 [2] 42″.5 42″.4 39″.8 40″.0 [3] 24″.5 23″.3 26″.4 [4] 26ˢ.26 26ˢ.08 26ˢ.22 26ˢ.28

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4201	9.2	$11^h\ 4^m\ 17^s.99$	+3^s.0259	+0^s.0030	−8° 16' 24".7	−19".463	−0".098	92.9	22 130 135	8° 3091
4202	8.0	4 29.83	3.0170	0.0037	9 51 20.4	19.467	0.097	93.8	129 243	9 3221
4203	9.3	4 48.97	3.0223	0.0033	8 59 15.4	19.474	0.096	92.9	22 130 133	8 3092
4204	6.8	5 11.44	3.0347	0.0023	6 50 30.4	19.481	0.097	92.6	16 39 136	6 3317
4205	8.2	5 14.69	3.0387	0.0020	6 8 45.5	19.483	0.097	92.7	20 114	5 3218
4206	8.1	11 5 26.30	+3.0257	+0.0031	−8 28 55.3	−19.486	−0.096	93.8	132 245	8 3094
4207	8.2	5 31.24	3.0236	0.0033	8 52 26.3	19.488	0.095	92.8	26 132	8 3095
4208	9.1	5 45.70	3.0384	0.0020	6 15 10.1	19.493	0.096	93.3	20 128 248	6 3319
4209	9.4	6 0.21	3.0317	0.0027	7 28 40.5	19.498	0.095	94.5	125 240 315 316	7 3185
4210	*9.0	6 1.79	3.0305	0.0029	7 42 2.4	19.499	0.095	94.3	133* 240 315	7 3186
4211	9.2	11 6 20.57	+3.0246	+0.0033	−8 48 38.7	−19.505	−0.094	92.9	26 132 135	8 3099I
4212	9.2	6 21.50	3.0246	0.0033	8 48 51.9	19.505	0.094	92.9	26 132 135	8 3099II
4213	8.7	6 22.98	3.0388	0.0021	6 14 54.5	19.506	0.095	93.0	20 39 136 248	6 3321
4214	8.7	6 25.28	3.0285	0.0030	8 7 24.6	19.507	0.094	93.6	37 125 313	7 3188
4215	8.7	6 31.87	3.0218	0.0036	9 21 11.1	19.509	0.093	92.6	18 30 123	9 3227
4216	9.0	11 6 47.61	+3.0358	+0.0024	−6 51 14.4	−19.514	−0.094	92.7	16 128	6 3324
4217	*8.3	6 52.78	3.0223	0.0036	9 20 14.6	19.516	0.093	92.6	18* 30 123	9 3229
4218	7.3	7 9.96	3.0247	0.0035	8 56 28.3	19.522	0.092	92.7	22 130	8 3101
4219	9.0	7 12.51	3.0347	0.0025	7 5 10.4	19.522	0.093	93.8	128 245	6 3325
4220	8.9	7 15.12	3.0218	0.0037	9 28 35.6	19.523	0.092	93.8	129 243	9 3232
4221	[8.4]	11 7 23.64	+3.0213	+0.0038	−9 36 5.0	−19.526	−0.092	93.8	129 243	9 3235
4222	8.9	7 24.36	3.0186	0.0040	10 5 47.9	19.526	0.092	93.8	123 245	9 3236
4223	*8.6	7 26.00	3.0222	0.0037	9 26 7.3	19.527	0.092	93.8	133 243*	9 3237
4224	8.7	7 33.17	3.0237	0.0036	9 10 34.5	19.529	0.091	92.6	18 22 132	8 3102
4225	8.8	7 47.56	3.0389	0.0023	6 23 3.9	19.534	0.092	92.8	20 135	6 3326
4226	8.7	11 7 57.71	+3.0373	+0.0025	−6 42 57.8	−19.537	−0.092	92.7 95.9	16 128 417δ	6 3328
4227	9.0	8 2.47	3.0322	0.0029	7 39 45.1	19.539	0.091	93.3	37 125 136 240	7 3194
4228	8.0	8 51.39	3.0221	0.0039	9 43 29.8	19.555	0.089	93.8	129 243	9 3238
4229	8.9	8 55.03	3.0370	0.0025	6 52 47.2	19.556	0.090	93.8	20 128 248 315	6 3331
4230	7.4	9 9.42	3.0325	0.0030	7 47 0.1	19.561	0.089	92.8	37 125	7 3197
4231	8.2	11 9 18.69	+3.0247	+0.0037	−9 17 43.3	−19.564	−0.088	92.6	5 Beob. [1]	9 3242
4232	8.3	9 35.06	3.0246	0.0038	9 21 43.8	19.569	0.088	92.9	5 Beob. [2]	9 3243
4233	9.0	9 38.47	3.0234	0.0039	9 36 10.4	19.570	0.088	93.8	133 243	9 3244
4234	8.9	10 1.87	3.0291	0.0034	8 34 6.0	19.577	0.087	93.3	26 130 245	8 3114
4235	*8.9	10 13.20	3.0391	0.0025	6 39 47.7	19.581	0.088	92.3	16 39*	6 3335
4236	9.0	11 10 17.43	+3.0401	+0.0024	−6 28 14.2	−19.582	−0.087	92.7	20 128	6 3336
4237	7.4	10 53.46	3.0223	0.0042	10 4 13.9	19.593	0.085	93.8	129 243	9 3247
4238	8.9	10 57.74	3.0263	0.0038	9 17 15.1	19.595	0.085	92.8	30 129	9 3249
4239	7.7	10 59.41	3.0311	0.0034	8 21 16.9	19.595	0.085	92.9	26 130 135	8 3119
4240	8.9	11 15.53	3.0402	0.0026	6 35 35.4	19.600	0.086	92.7 95.9	16 128 417δ	6 3340
4241	9.7	11 11 41.01	+3.0312	+0.0035	−8 26 18.7	−19.608	−0.084	92.8	22 132	8 3121
4242	[6.5]	11 54.11	3.0405	0.0026	6 35 20.9	19.612	0.084	92.3	20 39	6 3344
4243	8.9	11 54.48	3.0243	0.0041	9 51 45.2	19.612	0.083	93.8	133 245	9 3253
4244	8.9	11 57.73	3.0339	0.0033	7 58 3.1	19.613	0.083	93.3	37 125 240	7 3205
4245	8.8	11 58.13	3.0406	0.0026	6 35 28.4	19.613	0.084	92.7	16 128	6 3345
4246	9.3	11 11 59.37	+3.0429	+0.0024	−6 7 50.8	−19.614	−0.084	93.8	133 248	5 3247
4247	8.6	12 15.28	3.0320	0.0035	8 22 57.4	19.618	0.083	92.8	22 132	8 3124
4248	8.6	12 22.06	3.0225	0.0044	10 19 22.3	19.621	0.083	93.8	129 243	10 3232
4249	9.3	12 24.29	3.0296	0.0037	8 54 15.1	19.621	0.082	92.8	26 135	8 3125
4250	9.3	12 40.58	3.0348	0.0032	7 52 58.2	19.626	0.082	93.7	125 240	7 3206

[1] ZZ. 18 22 30 123 135 [2] ZZ. 22 30 123 135 136

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4251	9.0	$11^h\ 13^m\ 17^s.97$	$+3^s.0368$	$+0^s.0032$	$-\ 7°\ 33'\ 55''.1$	$-19''.637$	$-0''.081$	93.8	125 245	7° 3210
4252	8.9	13 21.93	3.0387	0.0030	7 10 54.7	19.638	0.082	93.8	128 248	6 3350
4253	8.4	13 38.71	3.0274	0.0041	9 34 55.2	19.643	0.080	93.8	129 243	9 3257
4254	8.2	13 40.23	3.0428	0.0026	6 21 46.0	19.644	0.081	92.7	20 128	6 3352
4255	9.3	13 42.72	3.0331	0.0036	8 24 18.9	19.645	0.080	92.8	22 132	8 3132
4256	9.3	11 14 13.90	+3.0321	+0.0038	− 8 42 23.1	−19.654	−0.079	92.8	26 135	8 3134
4257	8.8	14 18.20	3.0401	0.0029	7 1 35.9	19.655	0.080	93.8	133 248	6 3355
4258	9.0	14 26.34	3.0354	0.0034	8 3 18.1	19.657	0.079	94.3	135 245 315	7 3211
4259	9.4	14 30.88	3.0282	0.0042	9 35 6.6	19.658	0.078	93.8	129 252	9 3260
4260	*8.7	14 39.80	3.0435	0.0026	6 21 1.5	19.661	0.079	93.6	20 133* 313	6 3356^{I}
4261	*8.5	11 14 40.21	+3.0435	+0.0026	− 6 21 7.3	−19.661	−0.079	93.6	20 133* 313	6 3356^{II}
4262	8.9	14 51.34	3.0289	0.0042	9 30 30.8	19.664	0.078	92.8	30 129	9 3262
4263	*8.5	15 9.21	3.0347	0.0036	8 19 1.0	19.669	0.077	92.8	22 132*	8 3138
4264	8.9	15 12.53	3.0330	0.0038	8 42 14.1	19.670	0.077	97.7	132 417	8 3139
4265	6.2	15 28.96	3.0284	0.0043	9 44 50.5	19.675	0.077	94.3	135 252 313	9 3265
4266	8.6	11 15 30.77	+3.0312	+0.0040	− 9 8 35.5	−19.675	−0.077	92.8	26 130	8 3141
4267	8.9	15 31.07	3.0364	0.0035	8 1 50.3	19.676	0.077	93.8	125 245	7 3213
4268[1]	9.2	15 40.41	3.0367	0.0035	7 59 5.6	19.678	0.076	93.8	125 248	7 3214
4269	9.3	16 1.85	3.0373	0.0034	7 53 56.6	19.684	0.076	94.3	133 240 315	7 3216
4270	8.8	16 1.96	3.0444	0.0027	6 20 31.0	19.684	0.077	92.7	20 128	6 3359
4271	9.0	11 16 45.93	+3.0442	+0.0028	− 6 30 5.8	−19.696	−0.075	93.8	128 248	6 3363
4272	9.1	17 7.84	3.0388	0.0035	7 45 28.8[2]	19.702	0.073	93.8	125 133 240 252	7 3220
4273	7.0	17 25.14	3.0367	0.0037	8 17 40.2	19.707	0.073	92.7	22 130	8 3154
4274	8.3	17 27.47	3.0401	0.0034	7 31 33.1	19.708	0.073	93.8	132 245	7 3223
4275	8.4	17 43.10	3.0402	0.0034	7 32 47.8	19.712	0.072	93.8	132 245	7 3224
4276	9.3	11 18 27.20	+3.0358	+0.0040	− 8 42 24.0	−19.723	−0.071	93.3	22 132 135 248	8 3157
4277	7.9	18 43.14	3.0310	0.0045	9 52 26.5	19.728	0.070	93.3	30 129 252	9 3274
4278	*8.5	18 46.99	3.0450	0.0029	6 35 54.3	19.729	0.071	92.6	20 39* 133	6 3370
4279	8.4	19 3.97	3.0303	0.0047	10 7 42.5	19.733	0.070	93.8	129 243	9 3275
4280	5.0	19 33.55	3.0300	0.0049	10 18 38.8	19.741	0.069	92.8	30 129	10 3260
4281	8.6	11 19 44.39	+3.0472	+0.0028	− 6 13 5.1	−19.743	−0.070	93.6	20 128 315	5 3276
4282	9.0	19 48.11	3.0356	0.0042	9 1 56.5	19.744	0.068	92.8	26 130	8 3164
4283	8.4	20 2.43	3.0404	0.0037	7 55 35.2	19.748	0.068	93.7	125 240	7 3231
4284	8.5	20 26.48	3.0433	0.0034	7 18 11.5	19.754	0.068	93.7	125 240	7 3233
4285	9.4	20 38.40	3.0459	0.0030	6 41 58.9	19.757	0.068	92.8	24 133	6 3375
4286	9.4	11 20 39.36	+3.0376	+0.0041	− 8 44 56.6	−19.757	−0.067	92.7	22 130	8 3169
4287	9.2	20 56.13	3.0463	0.0031	6 39 47.5	19.762	0.067	92.8	20 133	6 3377
4288	*8.8	20 59.66	3.0450	0.0033	6 58 2.1	19.762	0.067	93.3	39* 245	6 3379
4289	7.4	21 13.15	3.0357	0.0045	9 19 45.6	19.766	0.066	93.8	129 243	9 3283
4290	9.5	21 14.32	3.0323	0.0049	10 11 30.0	19.766	0.066	96.3	30 252 420	9 3284^{I}
4291	8.9	11 21 14.95	+3.0322	+0.0049	−10 11 50.3	−19.766	−0.066	92.8	30 135	9 3284^{II}
4292	9.4	21 36.97	3.0388	0.0041	8 39 43.9	19.771	0.065	92.8	26 130	8 3171
4293	8.5	21 42.77	3.0341	0.0047	9 51 8.6	19.773	0.065	93.8	135 248	9 3287
4294	8.2	21 44.47	3.0445	0.0034	7 14 29.0	19.773	0.066	92.8	24 133	6 3380
4295	8.1	21 48.33	3.0361	0.0045	9 23 28.0	19.774	0.065	93.8	129 248	9 3288
4296	8.2	11 22 12.68	+3.0407	+0.0040	− 8 19 8.5	−19.780	−0.064	92.8	26 130	8 3173
4297	9.5	22 27.42	3.0485	0.0030	6 19 55.4	19.784	0.064	93.8	135 248	6 3384
4298	9.1	22 50.81	3.0360	0.0047	9 38 20.9	19.789	0.063	93.8	129 243	9 3290
4299	*8.0	23 5.23	3.0474	0.0033	6 44 50.1	19.793	0.063	92.3	20 39*	6 3387
4300	8.7	23 7.80	3.0361	0.0047	9 41 19.2	19.793	0.062	92.8	30 129	9 3292

[1] $9^m.8$ nahe, Bor. [2] $27''.5$ $30''.1$ $28''.9$ $28''.7$

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
4301	8.8	11h 24m 3s.23	+3s.0453	+0s.0036	−7° 27′ 51″.8	−19″.806	−0″.060	93.7	125 240	7° 3240
4302	9.0	24 6.19	3.0503	0.0030	6 8 47.3	19.807	0.061	92.8	24 133	5 3299
4303	7.2	24 34.02	3.0383	0.0048	9 30 40.2	19.813	0.059	93.8	129 243	9 3298
4304	8.8	24 58.08	3.0503	0.0031	6 17 0.5	19.818	0.060	92.9	20 128 135	6 3395
4305	8.7	25 2.90	3.0365	0.0051	10 5 9.5	19.819	0.058	93.8	133 243	9 3300
4306	8.8	11 25 29.53	+3.0435	+0.0041	−8 16 57.9	−19.825	−0.058	92.7	22 120	8 3181
4307	9.6	25 37.69	3.0374	0.0050	10 2 15.4	19.827	0.057	94.3	135 252 315	9 3301
4308	8.9	25 40.80	3.0497	0.0033	6 35 43.3	19.828	0.058	92.7	20 128	6 3396
4309[1]	7.4	25 45.43	3.0512	0.0031	6 10 3.0	19.829	0.058	92.8	24 128	5 3304
4310	9.2	26 23.96	3.0382	0.0051	10 1 13.2	19.837	0.056	92.8	30 133	9 3307
4311	8.8	11 26 37.46	+3.0453	+0.0041	−8 2 36.2	−19.840	−0.055	94.3	125 240 315	7 3247
4312	9.1	26 47.26	3.0386	0.0051	10 2 9.6	19.842	0.055	93.3	30 129 252	9 3308
4313	8.7	27 2.58	3.0490	0.0036	7 3 53.9	19.845	0.055	92.7	20 128	6 3401
4314	9.0	27 31.47	3.0517	0.0034	6 21 35.5	19.851	0.055	92.8	24 130	6 3403
4315	8.3	27 40.22	3.0450	0.0044	8 23 45.2	19.853	0.053	92.9	22 120 135	8 3186
4316	*6.2	11 27 42.51	+3.0488	+0.0038	−7 16 31.6	−19.853	−0.053	93.7	125 240*	7 3250
4317	*8.8	27 42.79	3.0501	0.0036	6 51 42.4	19.853	0.054	94.0	39* 248 315	6 3404
4318	8.8	28 15.05	3.0435	0.0047	8 59 9.9	19.860	0.052	92.9	26 120 133	8 3188
4319	8.9	28 21.12	3.0450	0.0045	8 34 27.7	19.861	0.052	93.3	26 130 252	8 3190
4320	9.1	28 46.78	3.0416	0.0051	9 44 17.7	19.866	0.051	92.8	30 129	9 3318
4321	9.0	11 29 3.54	+3.0457	+0.0045	−8 31 51.7	−19.870	−0.051	93.3	22 120 135 252	8 3192
4322	9.3	29 40.17	3.0467	0.0045	8 23 1.8	19.877	0.049	93.3	26 133 248	8 3195
4323	8.9	29 46.29	3.0500	0.0040	7 22 25.7	19.878	0.049	94.3	125 240 315	7 3255
4324	8.5	30 8.94	3.0460	0.0047	8 43 2.6	19.882	0.049	93.6	130 135 243	8 3197
4325	9.4	31 3.92	3.0436	0.0053	9 50 10.9	19.892	0.047	92.8	30 129	9 3324
4326	8.6	11 31 14.65	+3.0480	+0.0046	−8 23 29.6	−19.894	−0.047	93.3	22 130 252	8 3199
4327	7.9	31 20.94	3.0437	0.0053	9 52 58.7	19.896	0.046	93.3	30 129 243	9 3325
4328	7.5	31 35.85	3.0472	0.0048	8 45 36.0	19.898	0.046	92.8	26 130	8 3201
4329	**4.3**	**31 36.51**	**3.0458**	**0.0048**	**9 14 56.9**	**19.898**	**0.050**		**Fund. Cat.**	**8 3202**
4330	8.7	31 46.87	3.0486	0.0046	8 22 4.4	19.900	0.046	93.3	22 130 248	8 3203
4331	*8.9	11 31 53.21	+3.0547	+0.0035	−6 15 54.0	−19.901	−0.046	92.3	20 39*	6 3420
4332	8.9	32 36.50	3.0439	0.0056	10 14 2.8	19.909	0.044	94.3	135 243 252 315	9 3329
4333	8.6	32 37.28	3.0515	0.0043	7 35 51.8	19.909	0.044	93.7	125 240	7 3263
4334	8.5	32 52.26	3.0469	0.0051	9 16 54.1	19.912	0.044	93.8	133 243	9 3330
4335	8.2	33 22.49	3.0443	0.0057	10 22 39.0	19.917	0.042	93.8	129 243	10 3309
4336	*8.3	11 33 44.20	+3.0538	+0.0040	−7 2 47.1	−19.921	−0.042	92.3	24 39*	6 3422
4337	8.8	34 5.63	3.0462	0.0056	9 58 28.4	19.924	0.041	93.3	30 130 252	9 3333
4338	9.1	34 14.34	3.0556	0.0038	6 29 20.9	19.926	0.042	93.3	24 128 248	6 3425
4339	9.1	34 14.70	3.0547	0.0040	6 51 44.6	19.926	0.041	92.9	20 128 133	6 3426
4340	7.3	34 34.49	3.0495	0.0051	8 54 42.5	19.929	0.040	92.6	22 26 120	8 3211
4341	9.3	11 35 25.44	+3.0555	+0.0040	−6 52 43.8	−19.937	−0.039	92.9	20 128 135	6 3430
4342	7.6	35 31.17	3.0531	0.0045	7 51 3.8	19.938	0.039	93.7	125 240	7 3271
4343	8.3	35 43.55	3.0521	0.0047	8 17 32.8	19.940	0.038	93.3	22 120 252	8 3213
4344	7.5	35 45.61	3.0495	0.0053	9 21 46.4	19.940	0.038	92.8	32 129	9 3342
4345	8.9	35 48.75	3.0498	0.0053	9 15 55.0	19.940	0.038	92.8	32 129	9 3343
4346	9.4	11 36 1.85	+3.0492	+0.0055	−9 33 19.0	−19.942	−0.038	92.8	30 133	9 3344
4347	*8.8	36 37.88	3.0568	0.0040	6 39 59.3	19.948	0.036	93.3	39* 135 248	6 3433
4348	*8.9	36 40.52	3.0582	0.0038	6 7 44.6	19.948	0.037	94.3	128* 248 315	5 3333
4349	7.3	36 40.70	3.0523	0.0050	8 31 24.4	19.948	0.036	92.7	22 120	8 3217
4350	8.6	36 46.66	3.0576	0.0039	6 23 14.5	19.949	0.036	92.6	20 24 130	6 3434

[1] Dpl. seq., com. 10m

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4351	9.1	11ʰ 37ᵐ 3ˢ.27	+3ˢ.0559	+0ˢ.0043	− 7° 10′ 50″.0	−19″.952	−0″.036	93.3	24 130 252	6° 3435
4352	9.4	37 15.19	3.0507	0.0055	9 27 14.7	19.953	0.035	93.8	129 243	9 3345
4353	9.4	37 19.63	3.0563	0.0042	7 4 16.8	19.954	0.035	94.3	133 248 315	6 3436
4354	8.3	37 43.50	3.0527	0.0052	8 47 13.9	19.957	0.034	92.7	26 122	8 3224
4355	7.3	37 52.28	3.0533	0.0051	8 33 56.1	19.959	0.034	92.7	22 120	8 3225
4356	9.2	11 37 54.38	+3.0538	+0.0050	− 8 21 16.4	−19.959	−0.034	93.3	26 122 252	8 3226
4357	8.8	38 28.22	3.0537	0.0051	8 37 18.3	19.964	0.033	92.9	22 130 133	8 3228
4358	8.9	38 38.42	3.0563	0.0045	7 29 21.3	19.965	0.033	93.7	125 240	7 3277
4359	8.0	38 41.51	3.0519	0.0056	9 30 41.5	19.965	0.032	92.8	30 129	9 3349
4360	[6.5]	38 48.57	3.0595	0.0039	6 7 15.2	19.966	0.032	92.3	20 39	5 3340
4361	6.9	11 38 49.35	+3.0541	+0.0051	− 8 34 35.2	−19.967	−0.032	92.7	26 120	8 3229
4362	8.4	38 52.29	3.0509	0.0059	10 4 23.2	19.967	0.032	92.8	32 135	9 3350
4363	9.2	38 56.95	3.0523	0.0056	9 26 41.9	19.967	0.032	92.8	30 129	9 3352
4364	8.6	38 58.18	3.0507	0.0060	10 13 2.7	19.968	0.032	92.8 95.9	32 135 420δ	9 3351
4365	8.8	39 22.78	3.0568	0.0047	7 31 56.2	19.971	0.031	93.6	125 127 240	7 3278
4366	8.9	11 39 31.61	+3.0508	+0.0062	−10 24 8.0	−19.972	−0.031	93.8	133 243	10 3331
4367	8.6	39 31.80	3.0575	0.0045	7 15 59.2	19.972	0.031	93.2	20 24 125 315	7 3279
4368	9.2	39 35.86	3.0522	0.0059	9 46 59.0	19.973	0.031	93.8	130 243	9 3354
4369	9.0	39 38.43	3.0548	0.0052	8 36 5.2	19.973	0.031	93.2	22 120 248	8 3232
4370	9.1	40 11.26	3.0536	0.0056	9 23 50.9	19.977	0.030	93.3	30 129 252	9 3356
4371	*9.1	11 40 57.44	+3.0557	+0.0054	− 8 42 9.7[1]	−19.983	−0.028	93.3	22* 122 252	8 3236
4372	8.7	41 3.26	3.0587	0.0046	7 12 49.9	19.984	0.028	92.5	20 24 39 133	6 3443
4373	*9.1	41 23.23	3.0580	0.0049	7 43 9.0	19.986	0.027	93.6	125* 135 240	7 3282
4374	9.2	41 33.50	3.0573	0.0051	8 9 2.4	19.987	0.027	94.3	125 240 315	7 3285
4375	8.5	41 46.68	3.0545	0.0059	9 42 44.3	19.989	0.027	92.8	32 129	9 3361
4376	9.5	11 42 13.79	+3.0541	+0.0062	−10 12 35.2	−19.992	−0.026	93.8	130 243	9 3363
4377	8.9	42 27.47	3.0553	0.0059	9 38 55.2	19.993	0.025	92.8	32 129	9 3364
4378	9.0	42 40.11	3.0613	0.0043	6 26 52.0	19.995	0.025	93.3	20 128 135 252	6 3448
4379	9.1	42 53.06	3.0586	0.0051	8 4 8.2	19.996	0.025	93.6 93.8	125a 127 248	7 3288I
4380	9.1	42 53.74	3.0586	0.0051	8 4 14.3	19.996	0.025	93.6 93.8	125a 127 248	7 3288II
4381	9.2	11 42 56.93	+3.0596	+0.0049	− 7 34 31.1	−19.997	−0.024	94.3	127 240 315	7 3290
4382	7.8	43 11.41	3.0584	0.0052	8 19 8.1	19.998	0.024	92.7	26 120	8 3241
4383	9.1	43 17.45	3.0567	0.0058	9 20 30.2	19.999	0.024	92.8	30 133	9 3365
4384	6.2	43 18.33	3.0560	0.0062	9 45 14.9	19.999	0.024	93.8	129 243	9 3366
4385	9.0	43 23.65	3.0561	0.0060	9 44 46.8	19.999	0.024	93.8	133 243	9 3368
4386	7.6	11 43 25.25	+3.0577	+0.0055	− 8 49 14.9	−20.000	−0.024	92.7	22 122	8 3242
4387	7.7	43 56.90	3.0587	0.0054	8 33 44.0	20.003	0.023	92.9	26 122 135	8 3243
4388	8.5	44 3.32	3.0592	0.0052	8 17 18.7	20.004	0.022	92.7	26 120	8 3244
4389	7.5	44 4.50	3.0617	0.0045	6 48 17.8	20.004	0.022	92.8	24 128	6 3455
4390	*7.3	44 8.92	3.0625	0.0043	6 20 22.4	20.004	0.022	93.3	20* 130 252	6 3456
4391	9.1	11 44 32.29	+3.0619	+0.0046	− 6 51 49.4	−20.006	−0.021	92.8	24 130	6 3457
4392	8.5	44 44.11	3.0610	0.0050	7 30 16.6	20.008	0.021	93.7	125 240	7 3295
4393	*8.5	44 46.74	3.0617	0.0047	7 1 57.5	20.008	0.021	93.3	39* 133 248	6 3458
4394	*8.5	45 9.04	3.0583	0.0060	9 26 26.5	20.010	0.020	92.8	30 129*	9 3375
4395	8.9	45 10.53	3.0604	0.0052	8 2 30.7	20.010	0.020	94.3	127 248 315	7 3298
4396	7.4	11 45 12.48	+3.0623	+0.0046	− 6 49 11.7	−20.010	−0.020	92.8	24 128	6 3460
4397	9.1	45 27.09	3.0624	0.0047	6 56 26.4	20.012	0.020	93.3	24 130 252	6 3461
4398	[8.5]	45 36.07	3.0588	0.0059	9 23 30.9	20.013	0.019	92.8	32 129	9 3377
4399	8.0	45 38.20	3.0597	0.0056	8 50 30.5	20.013	0.019	92.9	22 120 135	8 3247
4400	7.7	45 56.37	3.0601	0.0057	8 43 3.0	20.014	0.019	92.9	22 120 133	8 3249

[1] 8″.1 (½) 10″.2 10″.0

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
4401	7.1	11ʰ 46ᵐ 4ˢ.37	+3ˢ.0622	+0ˢ.0050	−7° 26′ 5″.5	−20″.015	−0″.018	93.7	125 240	7° 3303
4402	8.0	46 14.94	3.0594	0.0061	9 25 14.0	20.016	0.018	92.8	30 129	9 3381
4403	*9.0	46 40.11	3.0631	0.0048	7 1 42.7	20.018	0.017	93.3	39* 133 248	6 3466
4404	8.7	46 57.03	3.0643	0.0045	6 18 57.8	20.020	0.017	93.3	20 127 252	6 3467
4405	8.9	47 29.88	3.0628	0.0052	7 42 40.8	20.022	0.016	93.6 96.3	125 135 240a 422δ	7 3306
4406	9.4	11 47 36.40	+3.0620	+0.0056	−8 23 51.5	−20.023	−0.016	92.7	22 26 120 122	8 3254
4407	8.5	47 38.51	3.0638	0.0049	7 2 25.6	20.023	0.015	93.6	128 130 248	6 3469
4408	9.1	48 17.24	3.0604	0.0066	10 13 1.4	20.026	0.014	92.6	30 32 129	9 3387
4409	9.5	48 51.69	3.0638	0.0053	7 50 11.9	20.028	0.013	93.6	125 127 240	7 3311
4410	9.0	49 5.26	3.0650	0.0049	6 56 9.7	20.029	0.013	92.9	24 128 130	6 3474
4411	8.5	11 49 7.64	+3.0651	+0.0048	−6 49 38.2	−20.029	−0.013	92.8	24 128	6 3475
4412	8.7	49 17.20	3.0659	0.0046	6 13 29.5	20.030	0.012	92.9	20 128 133	5 3381
4413	8.4	49 28.76	3.0628	0.0061	9 9 29.8	20.031	0.012	93.3	26 120 252	8 3255
4414	8.6	49 45.46	3.0635	0.0059	8 51 9.8	20.032	0.011	92.7	22 122	8 3256
4415	9.5	49 58.19	3.0648	0.0054	7 45 20.3	20.033	0.011	93.6	125 127 240	7 3314
4416	9.0	11 50 35.84	+3.0653	+0.0053	−7 38 46.8	−20.035	−0.010	94.0	127 247 252	7 3316
4417	9.0	51 4.60	3.0634	0.0068	10 12 7.8	20.037	0.009	92.6	30 32 129	9 3394
4418	9.1	51 7.84	3.0668	0.0049	6 34 56.6	20.037	0.009	92.7	20 128	6 3479
4419	7.3	51 38.32	3.0639	0.0068	10 9 55.9	20.039	0.008	92.8	30 129	9 3396
4420	9.3	51 40.17	3.0655	0.0058	8 26 18.2	20.039	0.008	92.7	26 122	8 3263
4421	9.4	11 51 59.70	+3.0655	+0.0060	−8 51 46.1	−20.040	−0.007	92.7	22 120	8 3264
4422	9.0	52 8.25	3.0675	0.0048	6 25 27.9	20.040	0.007	93.6 93.7	20 128a 315	6 3481
4423	8.6	52 22.30	3.0651	0.0066	9 45 12.1	20.041	0.006	92.8	32 129	9 3398
4424	6.9	52 39.11	3.0667	0.0057	7 59 33.5	20.042	0.006	93.7	125 240	7 3322
4425	8.1	52 39.47	3.0669	0.0056	7 42 59.2	20.042	0.006	93.9	125 240 252	7 3323
4426	8.0	11 52 40.82	+3.0655	+0.0066	−9 36 2.4	−20.042	−0.006	93.8	135 243	9 3400
4427	8.6	52 43.08	3.0653	0.0067	9 49 31.4	20.042	0.006	92.8	30 129	9 3401
4428	9.0	52 43.24	3.0664	0.0059	8 25 45.1	20.042	0.006	92.6	26 28 120	8 3265
4429	9.1	52 58.52	3.0682	0.0047	6 24 31.3	20.043	0.005	92.8	20 133	6 3485
4430	8.7	53 5.54	3.0657	0.0067	9 48 27.0	20.043	0.005	92.8	32 129	9 3404
4431	8.8	11 53 15.82	+3.0662	+0.0065	−9 28 9.7	−20.043	−0.004	93.8	130 248	9 3405
4432	8.8	53 16.76	3.0660	0.0066	9 44 1.7	20.043	0.004	94.8	243 315	9 3406
4433	9.0	53 18.21	3.0679	0.0052	7 4 22.0	20.044	0.004	92.8	24 133	6 3487
4434	9.0	53 18.21	3.0663	0.0064	9 23 19.8	20.044	0.004	93.6	130 135 248	9 3407
4435	8.5	53 35.16	3.0678	0.0054	7 27 1.4	20.044	0.004	93.7	125 240	7 3326
4436	8.2	11 53 48 37	+3.0671	+0.0061	−8 45 24.1	−20.045	−0.003	92.7	22 122	8 3267
4437	8.9	53 50.18	3.0680	0.0055	7 30 23.6	20.045	0.003	93.8	125 247	7 3329
4438	*8.5	53 54.01	3.0688	0.0047	6 5 51.0	20.045	0.003	92.3	20 39*	5 3396
4439	9.3	54 1.96	3.0674	0.0061	8 42 20.1	20.045	0.003	92.7	26 122	8 3268
4440	*7.5	54 2.45	3.0666	0.0068	9 55 11.9	20.045	0.003	92.8	32* 135	9 3408
4441	8.8	11 54 32.24	+3.0680	+0.0060	−8 21 8.4	−20.046	−0.002	92.8	28 133	8 3271
4442	8.4	54 48.02	3.0689	0.0053	7 5 4.7	20.047	0.001	97.3	24 420	6 3492
4443	8.8	55 7.58	3.0691	0.0054	7 15 36.4	20.048	0.001	93.8	125 247	7 3331
4444	9.2	55 22.99	3.0680	0.0069	9 56 2.1	20.048	0.000	93.8	129 252	9 3412
4445	**5.9**	**55 36.46**	**3.0683**	**0.0066**	**9 52 34.0**	**20.048**	**0.005**		**Fund. Cat.**	**9 3413**
4446	8.9	11 55 40.99	+3.0686	+0.0066	−9 24 11.5	−20.049	0.000	93.8	135 248	9 3414
4447	9.3	55 42.40	3.0699	0.0050	6 29 44.1	20.049	0.000	92.8	20 133	6 3493
4448	8.8	56 3.18	3.0689	0.0066	9 19 6.6	20.049	+0.001	93.8	135 248	9 3416
4449	8.4	56 19.60	3.0699	0.0057	7 35 58.9	20.049	0.002	93.8	125 247	7 3332
4450	9.2	56 35.45	3.0700	0.0058	7 49 49.6	20.050	0.002	93.6	125 127 247	7 3334

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4451	9.3	11^{h} 57^{m} $9^{s}.61$	$+3^{s}.0708$	$+0^{s}.0051$	— 6° 26' 58".2	—20".051	+0".003	92.8	20 133	6° 3496
4452	8.7	57 16.91	3.0709	0.0053	6 44 53.3	20.051	0.004	92.3	24 40	6 3497
4453	8.7	57 31.86	3.0701	0.0072	10 9 23.3	20.051	0.004	93.8	129 248	9 3420
4454	8.4	57 38.09	3.0703	0.0071	10 5 33.1	20.051	0.004	92.8	32 129	9 3421
4455	*6.5	57 44.55	3.0710	0.0056	7 7 38.4	20.051	0.005	92.3	24 39*	6 3499
4456	*7.9	11 57 52.17	+3.0705	+0.0072	—10 11 42.3	—20.051	+0.005	93.3	30* 129 252	9 3422
4457	9.1	58 45.76	3.0719	0.0051	6 22 18.9	20.052	0.007	92.6	20 40 127	6 3501
4458	6.8	58 52.96	3.0716	0.0069	9 44 22.6	20.052	0.007	93.8	133 248	9 3425
4459	8.8	59 6.92	3.0719	0.0066	9 7 44.8	20.052	0.007	92.9	26 122 130	8 3279
4460	8.9	59 11.28	3.0720	0.0065	8 48 5.2	20.052	0.007	93.3	22 120 252	8 3280
4461	8.4	11 59 36.61	+3.0724	+0.0058	— 7 25 11.2	—20.052	+0.008	93.7	125 240	7 3339
4462	8.8	59 52.19	3.0726	0.0069	9 30 41.1	20.052	0.009	92.8	32 129	9 3427
4463	8.6	59 53.49	3.0726	0.0061	7 58 11.4	20.052	0.009	97.8	122 422	7 3340
4464	8.3	59 58.56	3.0727	0.0065	8 45 5.4	20.052	0.009	92.7	28 120	8 3281
4465	9.2	12 0 6.68	3.0728	0.0065	8 48 20.2	20.052	0.009	92.7	28 120	8 3282
4466	9.1	12 0 16.49	+3.0729	+0.0065	— 8 50 57.2	—20.052	+0.010	92.7	28 122	8 3283
4467	8.6	1 36.02	3.0741	0.0066	8 51 9.0	20.052	0.012	92.6	26 28 120	8 3288
4468	9.0	1 43.88	3.0738	0.0052	6 8 36.9	20.052	0.012	92.8	24 133	5 3422
4469	9.5	1 48.63	3.0746	0.0075	10 21 2.1	20.051	0.012	93.8	129 252	10 3403
4470	7.2	2 7.47	3.0741	0.0052	6 12 34.0	20.051	0.013	92.3	24 40	5 3424
4471	8.4	12 2 14.70	+3.0751	+0.0074	—10 10 58.8	—20.051	+0.013	92.8	32 133	9 3434
4472	9.0	2 15.14	3.0743	0.0057	6 58 0.9	20.051	0.013	93.3	39 127 252	6 3508
4473	7.5	2 40.34	3.0749	0.0063	7 55 44.6	20.051	0.014	93.8	122 247	7 3345
4474	9.0	3 23.86	3.0760	0.0071	9 26 37.7	20.050	0.015	92.8	32 129	9 3439
4475	8.7	3 27.56	3.0750	0.0054	6 17 50.4	20.050	0.016	92.7	24 127	6 3509
4476	9.2	12 3 46.87	+3.0764	+0.0071	— 9 27 19.6	—20.049	+0.016	92.8	32 129	9 3440
4477	9.3	4 21.15	3.0772	0.0074	9 50 8.3	20.048	0.017	93.8	133 248	9 3445
4478	9.0	4 31.35	3.0764	0.0064	8 0 10.2	20.048	0.018	93.8 97.8	125 247a 422δ	7 3354
4479	9.2	4 38.62	3.0767	0.0065	8 15 51.4	20.048	0.018	92.7	28 120	8 3291
4480	9.6	4 44.61	3.0775	0.0074	9 49 31.7	20.048	0.018	93.8	133 248	9 3447
4481	*9.0	12 5 7.29	+3.0761	+0.0056	— 6 29 46.3	—20.047	+0.019	93.3	39* 252	6 3517
4482	9.2	5 12.00	3.0771	0.0065	8 14 19.0	20.047	0.019	93.8	125 247	7 3356
4483	9.0	5 16.71	3.0776	0.0069	8 58 17.5	20.047	0.019	92.7	26 122	8 3293
4484	*6.2	5 19.33	3.0766	0.0060	7 13 5.7	20.047	0.019	93.3 96.3	40* 252 420δ	6 3518
4485	*8.2	5 33.31	3.0778	0.0068	8 50 43.6	20.046	0.020	92.6	26 36 120*	8 3294
4486	*7.6	12 5 40.41	+3.0779	+0.0068	— 8 50 22.1	—20.046	+0.020	92.6	26 36 120*	8 3295
4487	9.0	5 47.63	3.0786	0.0074	9 49 15.7	20.046	0.020	93.8	129 248	9 3451
4488	8.9	6 0.94	3.0790	0.0076	10 9 0.6	20.045	0.020	92.8	32 133	9 3452
4489	8.7	6 10.40	3.0773	0.0061	7 20 1.8	20.045	0.021	93.6	125 127 247	7 3360
4490	9.1	6 24.05	3.0787	0.0070	9 4 51.5	20.044	0.021	92.7	28 122	8 3296
4491	8.9	12 6 24.07	+3.0794	+0.0076	—10 11 34.3	—20.044	+0.021	94.7	129 318 319	9 3456
4492	9.3	6 31.78	3.0769	0.0055	6 13 59.7	20.044	0.021	93.8	24 315	5 3447
4493	7.3	6 32.12	3.0794	0.0075	10 0 51.0	20.044	0.021	94.7	133 318 319	9 3457
4494	9.4	6 53.48	3.0772	0.0056	6 19 51.7	20.043	0.022	93.3	24 127 252	6 3522
4495	8.6	7 6.83	3.0775	0.0057	6 26 41.7	20.042	0.023	93.3	40 252	6 3524
4496	8.6	12 7 48.09	+3.0777	+0.0056	— 6 14 54.5	—20.040	+0.024	94.3	133 252 318	5 3451
4497	8.9	8 8.18	3.0787	0.0061	7 9 35.1	20.039	0.024	94.8	248 315	6 3528
4498	8.3	8 12.50	3.0799	0.0069	8 31 25.1	20.039	0.025	92.9	28 120 122	8 3301
4499	8.5	8 28.48	3.0794	0.0064	7 44 57.5	20.038	0.025	93.8	125 247	7 3367
4500	*7.0	8 29.59	3.0805	0.0071	8 57 22.2	20.038	0.025	92.7	26 122*	8 3303

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4501	8.9	12h 8m 40s.36	+3s.0794	+0s.0063	−7° 33′ 59″.3	−20″.038	+0″.025	93.8	127 247	7° 3368
4502	8.8	8 52.99	3.0815	0.0074	9 34 42.5	20.037	0.026	94.1	36 129 318 319	9 3464
4503	8.7	8 53.73	3.0808	0.0070	8 52 45.7	20.037	0.026	92.7	26 120	8 3304
4504	8.9	9 8.84	3.0802	0.0066	8 1 20.5	20.036	0.026	93.8	125 247	7 3370
4505	8.0	9 29.59	3.0809	0.0069	8 26 1.5	20.035	0.027	92.7	28 122	8 3308
4506	8.7	12 9 30.92	+3.0787	+0.0057	−6 7 32.9	−20.035	+0.027	92.3	24 40	5 3457
4507	8.8	9 43.37	3.0825	0.0076	9 50 38.6	20.034	0.028	92.8	32 129	9 3467
4508	8.8	9 48.59	3.0808	0.0067	8 3 58.5	20.034	0.028	93.6	125 133 252	7 3373
4509	*8.0	9 59.48	3.0795	0.0059	6 41 58.2	20.033	0.028	97.3	38 420*	6 3532I
4510	*8.0	10 0.02	3.0795	0.0059	6 42 0.4	20.033	0.028	97.3	38 420*	6 3532II
4511	6.3	12 10 1.69	+3.0827	+0.0076	−9 43 34.4	−20.033	+0.028	92.7	32 124	9 3468
4512	9.0	10 5.94	3.0809	0.0066	7 54 40.8	20.033	0.028	93.8	127 247	7 3374
4513	7.9	10 31.37	3.0832	0.0076	9 43 1.7	20.031	0.029	92.7	32 124	9 3470
4514	8.6	10 33.91	3.0814	0.0067	8 1 15.5	20.031	0.029	93.8	127 252	7 3376
4515	9.1	10 45.39	3.0809	0.0064	7 25 24.0	20.030	0.030	94.6	127 318 319	7 3377
4516	8.7	12 10 47.77	+3.0823	+0.0070	−8 39 22.1	−20.030	+0.030	92.6	26 28 120	8 3310
4517	8.8	10 57.60	3.0805	0.0061	6 54 36.1	20.029	0.030	92.8	24 133	6 3537
4518	8.8	10 59.29	3.0837	0.0077	9 46 55.5	20.029	0.030	94.3	129 319	9 3471
4519	7.6	11 13.35	3.0808	0.0062	6 58 34.5	20.028	0.030	92.3	24 40	6 3538
4520	8.2	11 26.22	3.0841	0.0077	9 46 6.4	20.027	0.031	92.8	32 129	9 3472
4521	8.5	12 11 28.27	+3.0839	+0.0075	−9 29 51.4	−20.027	+0.031	92.8	36 129	9 3473
4522	9.0	11 32.17	3.0829	0.0071	8 34 16.6	20.027	0.031	92.9	26 120 122	8 3311
4523	*9.0	11 53.85	3.0809	0.0061	6 45 28.4	20.025	0.032	92.3	38 39*	6 3541
4524	8.8	12 27.82	3.0827	0.0067	7 50 4.2	20.022	0.033	93.8	125 247	7 3384
4525	7.7	12 31.39	3.0845	0.0075	9 8 53.1	20.022	0.033	92.7	28 122	8 3315
4526	8.7	12 12 34.33	+3.0817	+0.0063	−7 0 54.8	−20.022	+0.033	92.8	24 133	6 3543
4527	9.4	12 35.39	3.0826	0.0066	7 37 37.3	20.022	0.033	93.8	125 247	7 3385
4528	9.0	12 41.51	3.0851	0.0077	9 31 2.9	20.021	0.033	92.8	36 124	9 3474
4529	7.5	13 23.58	3.0842	0.0071	8 20 48.1	20.018	0.035	94.6	120 318 319	8 3316
4530	9.0	13 30.24	3.0811	0.0059	6 5 41.0	20.017	0.035	93.8	127 252	5 3471
4531	8.9	12 13 35.37	+3.0812	+0.0059	−6 7 14.5	−20.017	+0.035	93.3	38 127 252	5 3472
4532	8.9	13 51.68	3.0853	0.0073	8 48 49.1	20.015	0.036	92.9	28 122 133	8 3321
4533	6.5	14 11.32	3.0849	0.0071	8 21 31.2	20.014	0.036	92.7	26 120	8 3323
4534	9.0	14 19.13	3.0869	0.0078	9 38 7.6	20.013	0.037	92.9	32 124 129	9 3480
4535	8.5	14 55.76	3.0843	0.0067	7 34 14.7	20.010	0.038	93.8	125 247	7 3388
4536	*8.5	12 14 58.98	+3.0827	+0.0062	−6 31 20.0	−20.009	+0.038	94.3	39* 318 319	6 3547
4537	8.4	15 3.83	3.0886	0.0081	10 14 27.8	20.009	0.038	92.8	32 129	9 3483
4538	9.0	15 12.62	3.0859	0.0072	8 26 41.9	20.008	0.038	92.7	26 120	8 3329
4539	8.8	15 17.95	3.0838	0.0064	7 3 33.3	20.007	0.039	92.7	24 127	6 3548
4540	9.2	15 55.98	3.0897	0.0083	10 21 1.3	20.004	0.040	94.7	133 318 319	10 3451
4541	8.8	12 15 59.67	+3.0865	+0.0073	−8 26 4.6	−20.003	+0.040	92.7	26 122	8 3331
4542	9.0	16 3.12	3.0896	0.0082	10 11 38.8	20.003	0.040	93.6 93.8	32 133a 315	9 3485
4543	7.9	16 4.53	3.0876	0.0076	8 59 40.1	20.003	0.040	92.7	28 120	8 3332
4544	*7.9	16 25.94	3.0876	0.0075	8 50 39.1	20.001	0.041	94.3	122* 319	8 3333
4545	9.0	16 34.52	3.0853	0.0067	7 21 43.6	20.000	0.041	93.8	125 247	7 3395
4546	8.7	12 16 55.21	+3.0865	+0.0070	−8 0 11.2	−19.997	+0.042	93.8	127 247	7 3398
4547	9.3	17 3.25	3.0872	0.0073	8 19 23.7	19.997	0.042	93.8	122 252	8 3334
4548	*8.8	17 7.67	3.0841	0.0063	6 30 43.4	19.996	0.042	92.3	24 39*	6 3555
4549	8.9	17 12.25	3.0911	0.0083	10 23 26.5	19.996	0.042	92.8	36 124	10 3455
4550	8.9	17 30.93	3.0904	0.0081	9 50 4.1	19.994	0.043	92.8	36 129	9 3487

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4551	9.0	12h 17m 39s.29	+3s.0894	+0s.0078	− 9° 12′ 26″.4	−19″.993	+0″.043	92.7	28 120	8° 3336
4552	7.4	18 0.89	3.0851	0.0065	6 44 40.9	19.990	0.044	92.6	38 40 133	6 3557
4553	7.8	18 7.33	3.0898	0.0078	9 12 53.2	19.989	0.044	92.7	26 120	8 3338
4554	9.3	18 14.62	3.0844	0.0062	6 15 56.2	19.989	0.044	94.3	127 252 318	6 3558
4555	*9.0	18 15.54	3.0849	0.0063	6 29 45.2	19.988	0.045	92.6	24 39* 133	6 3559
4556	8.8	12 18 46.14	+3.0877	+0.0070	− 7 48 50.0	−19.985	+0.046	93.8	122 247	7 3401
4557	7.5	19 12.11	3.0923	0.0083	9 55 20.7	19.982	0.046	92.9	32 124 129	9 3490
4558	9.3	20 0.94	3.0870	0.0067	7 0 4.4	19.976	0.048	93.6	127 133 252	6 3564
4559	8.3	20 25.88	3.0926	0.0080	9 29 1.9	19.972	0.049	92.7	32 124	9 3492
4560	8.9	20 27.29	3.0874	0.0067	7 3 33.2	19.972	0.049	92.6	24 40 133	6 3565
4561	9.3	12 20 56.84	+3.0948	+0.0085	−10 15 57.2	−19.968	+0.050	92.8 95.9	36 124 420δ	10 3469
4562	8.3	21 9.86	3.0874	0.0067	6 46 35.7	19.967	0.050	92.8	38 127	6 3570
4563	9.2	21 27.20	3.0927	0.0079	9 4 55.3	19.964	0.051	92.7	26 120	8 3346
4564	9.0	21 39.81	3.0886	0.0069	7 10 18.0	19.963	0.051	92.3	24 40	6 3571
4565	9.0	21 40.86	3.0929	0.0079	9 4 59.5	19.962	0.051	92.7	26 120	8 3347
4566	8.9	12 21 41.76	+3.0907	+0.0073	− 8 4 46.3	−19.962	+0.051	93.8	125 247	7 3406
4567	9.4	21 43.67	3.0946	0.0083	9 47 55.6	19.962	0.051	93.8	124 252	9 3497
4568	7.8	21 49.91	3.0912	0.0075	8 16 35.3	19.961	0.052	94.0	28 122 318 319	8 3348
4569	*9.0	22 32.53	3.0889	0.0069	7 1 39.3	19.955	0.053	94.3	39* 318 319	6 3574
4570[1]	8.4	22 41.08	3.0951	0.0083	9 36 49.2	19.954	0.053	92.8	32 129	9 3502
4571	7.2	12 22 47.51	+3.0916	+0.0075	− 8 7 24.5	−19.953	+0.054	93.8	125 247	7 3409
4572	*8.1	22 50.59	3.0891	0.0069	7 0 52.1	19.953	0.053	92.3	24 39*	6 3577
4573	9.0	22 54.89	3.0876	0.0065	6 22 11.0	19.952	0.054	93.8	133 252	6 3578
4574	9.2	23 28.68	3.0912	0.0073	7 43 39.9	19.947	0.055	93.8	125 247	7 3411
4575	9.7	23 34.04	3.0944	0.0080	9 0 49.0	19.946	0.055	94.3	122 319	8 3355
4576	9.1	12 23 41.61	+3.0948	+0.0081	− 9 6 54.8	−19.945	+0.055	92.7	28 122	8 3356
4577	9.3	24 20.35	3.0979	0.0086	10 5 15.7	19.939	0.057	93.3	36 124 252	9 3504
4578	*8.6	24 56.42	3.0892	0.0067	6 26 16.5	19.933	0.057	92.3	38* 40	6 3583
4579	9.0	25 0.28	3.0889	0.0067	6 19 52.3	19.933	0.058	92.8	38 127	6 3584
4580	8.0	25 28.47	3.0969	0.0082	9 16 18.9	19.928	0.059	92.9	28 120 124	9 3508
4581	9.4	12 25 37.09	+3.0902	+0.0069	− 6 42 39.3	−19.927	+0.059	93.8	133 252	6 3586
4582	8.6	25 53.64	3.0972	0.0082	9 14 6.6	19.924	0.060	92.7	28 120	8 3363
4583	8.8	26 0.29	3.0965	0.0081	8 56 3.2	19.923	0.060	92.7	26 122	8 3364
4584	9.0	26 7.63	3.0917	0.0072	7 6 43.5	19.922	0.060	92.8	24 133	6 3587
4585	7.4	26 15.29	3.0959	0.0079	8 37 43.8	19.921	0.061	92.8	36 122	8 3366
4586	8.8	12 26 17.35	+3.0931	+0.0074	− 7 36 19.7	−19.920	+0.061	93.8	127 247	7 3420
4587	8.7	26 51.60	3.0949	0.0076	8 3 32.8	19.914	0.062	93.8	125 247	7 3423
4588	*8.9	28 2.76	3.0919	0.0070	6 42 50.8	19.902	0.063	92.3	24 38 39* 40	6 3589
4589	8.9	28 15.66	3.1006	0.0085	9 37 9.7	19.900	0.065	93.3	32 124 252	9 3513
4590	5.5	28 37.06	3.0988	0.0082	8 54 1.4	19.896	0.065	92.7	26 120	8 3372
4591	*8.0	12 28 46.75	+3.0910	+0.0067	− 6 13 39.4	−19.894	+0.065	92.3	24 39*	5 3526
4592	8.7	28 58.05	3.0973	0.0078	8 17 53.6	19.892	0.066	92.7	28 122	8 3373
4593	8.8	29 8.32	3.1036	0.0090	10 19 55.4	19.890	0.066	92.7	32 124	10 3497
4594	8.9	29 14.18	3.0997	0.0083	9 2 58.5	19.889	0.066	92.8	36 120	8 3374
4595	9.1	29 23.28	3.0979	0.0080	8 22 46.9	19.887	0.067	92.7	28 122	8 3375
4596	9.0	12 29 31.52	+3.0953	+0.0076	− 7 30 18.8	−19.886	+0.067	93.6	125 127 247	7 3435
4597	9.3	29 52.84	3.0914	0.0068	6 7 57.1[2]	19.882	0.067	92.3 97.3	24 42 421δ 422δ	5 3530
4598	9.2	30 10.41	3.1039	0.0089	10 3 40.8	19.879	0.068	93.3	32 124 252	9 3519
4599	9.2	30 16.53	3.1001	0.0082	8 52 59.5	19.877	0.069	92.7	26 120	8 3378
4600	8.7	30 28.83	3.0979	0.0078	8 4 45.7	19.875	0.069	93.8	125 247	7 3439

[1] Z. 129: Dpl. maj., com. 9m.7   [2] 55″.5 59″.0 56″.8 57″.3

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4601	7.9	12h 30m 35s.40	+3s.0942	+0s.0072	−6° 53′ 47″.4	−19″.874	+0″.068	92.3	38 40	6° 3598
4602	8.8	30 42.53	3.0994	0.0081	8 30 20.4	19.872	0.069	92.7	28 122	8 3380
4603	8.8	30 57.61	3.1039	0.0088	9 50 1.8	19.869	0.070	93.8	124 252	9 3520
4604	7.2	32 11.29	3.0982	0.0078	7 44 57.3	19.855	0.072	93.8	122 247	7 3443
4605	8.6	32 20.29	3.1028	0.0085	9 6 27.9	19.853	0.072	92.8	36 120	8 3387
4606	9.0	12 32 59.62	+3.0946	+0.0071	−6 30 18.3	−19.845	+0.073	92.3	38 40	6 3612
4607	9.0	33 39.26	3.1010	0.0081	8 13 25.7	19.836	0.075	94.3	125 247 318	7 3448
4608	8.8	33 54.33	3.0981	0.0077	7 22 4.1	19.833	0.075	92.7	24 127	7 3451
4609	5.0	34 5.03	3.0986	0.0075	7 26 42.7	19.831	0.071		Fund. Cat.	7 3452
4610	8.8	34 12.91	3.0988	0.0077	7 28 50.8	19.829	0.076	92.7	24 125	7 3454
4611	8.9	12 34 20.53	+3.0950	+0.0071	−6 22 45.8	−19.827	+0.076	92.3	38 40	6 3617
4612	9.4	34 28.47[1]	3.1090	0.0093	10 16 36.8	19.826	0.076	92.7	32 124	10 3523
4613	8.8	34 56.07	3.0959	0.0072	6 30 41.5	19.820	0.077	92.3	38 40	6 3620
4614	7.5	35 30.59	3.1013	0.0080	7 53 41.1	19.812	0.078	93.8	127 247	7 3458
4615	9.3	35 40.96	3.1064	0.0087	9 13 21.0	19.810	0.079	93.3	28 122 252	8 3399
4616	9.1	12 35 47.19	+3.0969	+0.0074	−6 37 58.8	−19.808	+0.079	93.3	43 137 249	6 3622
4617	9.1	35 49.77	3.1027	0.0082	8 12 26.7	19.808	0.079	93.8	125 247	7 3462
4618	8.0	35 58.13	3.1047	0.0085	8 41 48.8	19.806	0.079	92.8	36 120	8 3401
4619	8.6	35 58.52	3.1069	0.0088	9 16 25.9	19.806	0.079	92.7	28 124	9 3534
4620	*8.6	36 7.37	3.1030	0.0082	8 13 39.7	19.804	0.080	94.0	125 247* 251	7 3463
4621	*8.9	12 36 13.47	+3.0980	+0.0075	−6 50 7.4	−19.802	+0.079	93.3	39* 249	6 3624
4622	9.2	36 25.26	3.1072	0.0088	9 14 33.8	19.799	0.080	93.3	28 122 252	8 3403
4623	7.2	36 47.28	3.0988	0.0076	6 57 0.5	19.794	0.081	92.6	38 42 127	6 3626
4624	9.0	37 43.60	3.1072	0.0088	8 55 57.6	19.781	0.083	92.8	36 120	8 3409
4625	8.8	37 54.60	3.1039	0.0082	8 3 41.0	19.778	0.083	93.8	125 247	7 3467
4626	7.6	12 38 37.63	+3.1091	+0.0089	−9 13 13.1	−19.768	+0.084	92.7	28 120	8 3413
4627	9.3	38 38.66	3.1102	0.0091	9 30 11.1	19.768	0.084	93.3	32 137 250	9 3542
4628	9.0	38 51.70	3.0993	0.0075	6 43 20.8[2]	19.764	0.085	93.0	38 40 127 249	6 3636
4629	8.8	38 56.16	3.1034	0.0081	7 43 29.7	19.763	0.085	93.8	122 247	7 3474
4630	8.9	39 3.75	3.1017	0.0080	7 18 41.0	19.762	0.085	94.0	125 251 252	7 3476
4631	*8.6	12 39 16.30	+3.1110	+0.0092	−9 32 1.2	−19.758	+0.086	92.7	32 124*	9 3547
4632	7.3	39 48.65	3.1050	0.0083	7 59 4.6	19.750	0.087	93.8	127 247	7 3478
4633	8.9	39 58.28	3.0988	0.0074	6 24 25.6	19.748	0.087	92.3	38 42 43	6 3638
4634	8.7	40 18.03	3.1061	0.0084	8 8 10.9	19.743	0.088	93.8	122 137 251 252	7 3480
4635	8.1	40 47.57	3.1092	0.0088	8 45 36.3	19.735	0.089	92.9	28 120 137	8 3423
4636	7.8	12 41 48.71	+3.1036	+0.0080	−7 15 8.2	−19.719	+0.090	92.6	38 40 127	6 3644
4637	7.7	41 55.05	3.1097	0.0088	8 40 4.1	19.718	0.091	92.9	28 120 122	8 3424
4638	9.0	42 19.33	3.1147	0.0094	9 42 12.9	19.711	0.092	92.8	36 124	9 3558
4639	8.6	42 48.61	3.1103	0.0088	8 37 17.3	19.703	0.093	92.7	28 122	8 3425
4640	8.6	42 49.92	3.1102	0.0088	8 35 54.6	19.703	0.093	92.7	28 122	8 3426
4641	8.9	12 42 52.19	+3.1143	+0.0092	−9 29 38.5	−19.702	+0.093	93.8	124 252	9 3561
4642	8.9	43 18.52	3.1057	0.0082	7 29 50.2	19.695	0.093	93.6	125 127 247	7 3488
4643	8.9	43 23.89	3.1136	0.0092	9 13 16.0	19.694	0.094	93.8	131 252	8 3427
4644	7.3	43 48.97	3.1114	0.0089	8 40 26.1	19.687	0.095	92.7	28 122	8 3429
4645	7.8	44 32.32	3.1014	0.0076	6 20 6.8	19.675	0.096	92.3	38 40	6 3656
4646	8.3	12 44 50.61	+3.1030	+0.0078	−6 38 54.7	−19.669	+0.096	93.3	42 137 249	6 3658
4647	7.0	44 56.00	3.1051	0.0080	7 5 15.7	19.668	0.096	92.3	38 43	6 3659
4648	9.0	45 19.79	3.1044	0.0080	6 52 39.2	19.661	0.097	93.8	127 249	6 3661
4649	8.8	45 22.00	3.1192	0.0097	10 1 36.2	19.660	0.098	93.8	124 250	9 3566
4650	8.6	45 31.71	3.1055	0.0081	7 5 27.1	19.658	0.098	93.7	43 137 318	6 3662

[1] 28s.42 28s.56 (½) [2] 22″.1 19″.0 20″.8 21″.1

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4651	9.2	12h 45m 48s.32	+3s.1031	+0s.0078	—6° 30' 56".0	—19".653	+0".098	93.8	127 252	6° 3663
4652	9.2	46 3.62	3.1133	0.0090	8 39 26.7	19.648	0.099	92.8	28 131	8 3436
4653	8.8	46 3.74	3.1026	0.0077	6 24 2.1	19.648	0.099	93.6	127 137 252	6 3665
4654	9.4	46 8.90	3.1188	0.0096	9 47 20.4	19.647	0.099	93.8	124 250	9 3568
4655	6.7	46 10.64	3.1189	0.0096	9 47 38.2	19.646	0.099	92.8	36 124	9 3569
4656	9.0	12 46 29.00	+3.1054	+0.0081	—6 56 5.3	—19.641	+0.099	93.3	40 249	6 3669
4657	8.8	46 52.51	3.1108	0.0086	7 58 46.1	19.634	0.101	93.8	125 247	7 3497
4658	9.0	46 56.58	3.1165	0.0093	9 8 48.9	19.633	0.101	94.3	122 317	8 3440
4659	8.6	47 33.82	3.1122	0.0088	8 9 54.1	19.622	0.102	94.3	125 317	7 3501
4660	8.7	47 43.80	3.1215	0.0098	10 1 2.8	19.619	0.102	93.8	124 250	9 3571
4661	8.8	12 47 46.90	+3.1046	+0.0079	—6 34 56.4	—19.618	+0.102	93.3	42 249	6 3674
4662	9.1	47 52.57	3.1151	0.0091	8 41 3.5	19.616	0.103	92.7	28 122	8 3443
4663	8.6	48 1.38	3.1200	0.0096	9 38 24.2	19.613	0.103	93.8	137 250	9 3575
4664	8.3	48 6.94	3.1237	0.0101	10 22 42.5	19.612	0.103	94.3	137 318	10 3563
4665	7.1	48 24.96	3.1147	0.0090	8 31 12.1	19.606	0.104	93.6 94.3	36a 122 317	8 3445
4666	*8.2	12 48 25.43	+3.1086	+0.0083	—7 17 46.4	—19.606	+0.103	93.8	127* 251	7 3503
4667	8.9	48 29.53	3.1175	0.0093	9 4 32.1	19.605	0.104	94.3	131 318	8 3446
4668	8.8	48 30.16	3.1132	0.0088	8 11 50.7	19.605	0.104	94.0	127 247 251	7 3504
4669	8.9	48 42.21	3.1049	0.0079	6 31 1.0	19.601	0.104	93.3	43 249	6 3679
4670	8.6	48 52.60	3.1204	0.0096	9 33 49.4	19.598	0.105	93.8	124 250	9 3579
4671	**5.0**	**12 49 9.06**	**+3.1178**	**+0.0091**	**—8 59 45.0**	**—19.593**	**+0.101**		**Fund. Cat.**	**8 3449**
4672	8.3	49 15.54	3.1081	0.0083	7 4 1.6	19.591	0.105	93.3	42 252	6 3681
4673	8.9	49 35.43	3.1083	0.0083	7 4 26.1	19.584	0.105	93.3	42 252	6 3685
4674	8.3	49 38.71	3.1228	0.0098	9 53 31.0	19.583	0.106	93.8	137 250	9 3584
4675	8.3	49 48.13	3.1164	0.0092	8 38 6.2	19.580	0.107	92.7	28 122	8 3451
4676	9.1	12 50 22.29	+3.1069	+0.0081	—6 41 0.2	—19.570	+0.107	93.3	43 249	6 3688
4677	9.2	50 23.65	3.1147	0.0089	8 10 46.5	19.569	0.108	93.8	131 251	7 3509
4678	9.2	50 39.48	3.1227	0.0097	9 40 46.9	19.564	0.108	93.6	124 137 250	9 3586
4679	8.7	51 0.97	3.1075	0.0082	6 42 53.7	19.557	0.108	93.3	43 127 252	6 3691
4680	9.0	51 7.20	3.1084	0.0083	6 52 0.5	19.555	0.108	94.3	127 317	6 3692
4681	9.2	12 51 11.51	+3.1142	+0.0089	—7 57 15.6	—19.554	+0.109	93.8	131 247	7 3512
4682	8.8	51 44.81	3.1273	0.0102	10 20 28.1	19.543	0.110	93.8	124 250	10 3581
4683	6.9	52 6.75	3.1171	0.0091	8 22 11.7	19.536	0.111	92.8	36 122	8 3456
4684	7.7	52 15.58	3.1218	0.0096	9 13 1.6	19.533	0.111	93.3	122 140	8 3457
4685	8.2	52 43.82	3.1079	0.0082	6 36 0.8	19.524	0.111	93.1	38 40 137 249	6 3701
4686	7.6	12 53 24.94	+3.1074	+0.0081	—6 24 30.1	—19.510	+0.113	92.6	38 40 137	6 3705
4687	7.8	53 48.08	3.1175	0.0091	8 11 49.7	19.502	0.114	93.8	125 247	7 3515
4688	7.6	53 54.48	3.1237	0.0098	9 17 59.9	19.500	0.114	96.3	36 252 421	9 3595
4689	9.0	53 58.57	3.1167	0.0090	8 1 4.6	19.499	0.115	93.8	127 247	7 3517
4690	9.5	54 51.78	3.1265	0.0099	9 37 35.5	19.480	0.116	93.8	124 250	9 3600
4691	8.6	12 55 11.62	+3.1181	+0.0092	—8 6 2.8	—19.473	+0.117	93.8	127 251	7 3521
4692	8.7	55 16.55	3.1181	0.0092	8 5 20.1	19.472	0.117	93.8	127 251	7 3522
4693	7.6	55 17.23	3.1208	0.0094	8 33 36.4	19.471	0.117	93.3	122 140	8 3466
4694	9.0	55 32.48	3.1228	0.0096	8 52 11.2	19.466	0.118	93.3	122 137 140	8 3468
4695	8.9	55 44.30	3.1110	0.0085	6 47 1.6	19.462	0.117	93.0 95.7	40 43 249a 422δ	6 3714
4696	8.7	12 56 10.56	+3.1177	+0.0090	—7 53 54.3	—19.453	+0.119	93.8	125 247	7 3525
4697	9.1	56 17.35	3.1238	0.0097	8 55 1.5	19.450	0.119	93.6	122 137 252	8 3470
4698	9.0	56 26.39	3.1260	0.0098	9 17 32.9	19.447	0.119	93.8	124 250	9 3605
4699	*8.7	56 27.72	3.1249	0.0098	9 6 9.5	19.447	0.119	92.8	36* 131	8 3471
4700	9.0	56 48.02	3.1300	0.0102	9 54 53.4	19.439	0.120	93.8	124 250	9 3607

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
4701	9.2	$12^h\ 57^m\ 2^s.23$	$+3^s.1245$	$+0^s.0098$	$-8°57'\ 5''.3$	$-19''.434$	$+0''.120$	93.8	122 252	8°3473
4702	9.3	57 28.57	3.1222	0.0095	8 28 48.8	19.425	0.121	93.6	131 137 252	8 3475
4703	8.9	57 34.33	3.1097	0.0083	6 21 21.9	19.423	0.121	92.8	38 40 43 249	6 3721
4704	8.5	57 39.09	3.1222	0.0095	8 27 48.4	19.421	0.122	93.3	131 137 140	8 3477
4705	*8.8	57 52.00	3.1160	0.0089	7 23 17.1	19.416	0.122	93.8 98.3	127*α 247 421δ	7 3531
4706	9.2	12 58 9.05	+3.1185	+0.0091	−7 45 52.5	−19.410	+0.122	93.8	131 247	7 3533
4707	8.8	59 1.48	3.1092	0.0083	6 7 30.6	19.391	0.124	92.3	38 40 42	5 3621
4708	8.4	59 5.90	3.1219	0.0094	8 11 53.8	19.389	0.124	93.6	127 140 251	7 3538
4709	7.8	59 34.56	3.1212	0.0093	8 2 2.7	19.378	0.125	93.8	131 251	7 3540
4710	8.6	13 0 9.31	3.1191	0.0091	7 36 46.6	19.365	0.126	93.8	127 251	7 3542
4711	8.9	13 0 27.88	+3.1340	+0.0104	−9 57 56.9	−19.358	+0.127	93.8	124 250	9 3617
4712	8.9	0 29.78	3.1132	0.0086	6 37 26.5	19.357	0.127	92.3	38 40	6 3731
4713	8.5	0 38.28	3.1164	0.0089	7 7 23.5	19.354	0.127	93.3	43 249	6 3732
4714	8.7	0 44.25	3.1229	0.0094	8 9 24.0	19.352	0.127	93.8	122 251	7 3545
4715	9.0	0 47.66	3.1144	0.0087	6 45 36.7	19.351	0.128	93.3 96.3	42 249 422δ	6 3733
4716	8.5	13 0 58.04	+3.1214	+0.0092	−7 53 15.4	−19.347	+0.128	93.8	137 252	7 3548
4717	8.7	1 10.77	3.1318	0.0103	9 30 57.2	19.342	0.128	94.3	137 317	9 3621
4718	9.1	1 16.23	3.1345	0.0105	9 55 36.8	19.340	0.129	93.8	124 250	9 3622
4719	9.0	1 20.03	3.1220	0.0094	7 56 25.6	19.338	0.129	93.8	131 252	7 3549
4720	9.1	1 28.79	3.1180	0.0090	7 17 22.9	19.335	0.129	93.7	137 138 251	7 3550
4721	8.8	13 1 37.52	+3.1148	+0.0088	−6 45 26.3	−19.331	+0.129	93.3	42 249	6 3735
4722	8.8	1 46.11	3.1195	0.0092	7 30 10.1	19.328	0.129	93.8	127 252	7 3551
4723	5.9	2 39.39	3.1377	0.0106	10 12 20.1	19.307	0.131	93.8	124 250	9 3628
4724	*8.0	3 15.29	3.1160	0.0088	6 46 38.1	19.293	0.132	92.6	38 40* 137*	6 3742
4725	5.7	3 19.55	3.1269	0.0097	8 26 54.7	19.291	0.132	92.9	36 122 138	8 3491
4726	9.1	13 3 34.14	+3.1145	+0.0087	−6 31 16.8	−19.286	+0.133	93.3	43 249	6 3745
4727	8.8	3 53.74	3.1242	0.0095	7 58 3.6	19.278	0.133	93.8	127 251	7 3552
4728	6.9	4 1.02	3.1311	0.0101	9 0 17.0	19.275	0.134	92.8	36 122	8 3495
4729	9.0	4 20.87	3.1161	0.0088	6 40 50.0	19.267	0.134	93.4	43 252	6 3747
4730	8.3	4 23.89	3.1199	0.0091	7 14 52.5	19.266	0.134	93.8	127 251	7 3553
4731	6.9	13 4 31.20	+3.1368	+0.0105	−9 47 45.4	−19.263	+0.135	93.8	124 250	9 3636
4732	7.1	4 34.21	3.1192	0.0091	7 7 19.3	19.262	0.135	93.8	42 317	6 3750
4733	9.4	5 6.49	3.1258	0.0096	8 4 2.7	19.248	0.136	93.8	131 254	7 3555
4734	8.4	5 17.43	3.1409	0.0108	10 16 52.5	19.244	0.137	93.8	124 250	10 3624
4735	8.2	5 36.31	3.1364	0.0104	9 34 14.5	19.236	0.137	94.3	137 318	9 3640
4736	9.1	13 5 44.92	+3.1285	+0.0098	−8 23 27.8	−19.233	+0.137	94.3	131 317	8 3500
4737	8.8	6 2.64	3.1204	0.0091	7 8 52.0	19.225	0.137	93.3	42 249	6 3756
4738	8.9	6 5.06	3.1333	0.0101	9 2 56.5	19.224	0.138	93.3	131 140	8 3502
4739	8.9	6 6.66	3.1234	0.0093	7 35 24.3	19.224	0.138	93.8	127 251	7 3558
4740	8.4	6 6.71	3.1397	0.0107	9 58 57.0	19.224	0.138	94.3	124 318	9 3641
4741	9.1	13 6 10.51	+3.1213	+0.0092	−7 16 44.0	−19.222	+0.138	93.8	137 254	7 3559
4742	8.6	6 32.78	3.1164	0.0088	6 31 6.9	19.213	0.138	93.3	43 249	6 3760
4743	8.8	6 53.66	3.1242	0.0094	7 37 13.9	19.204	0.139	93.8	127 254	7 3560
4744	9.2	7 6.55	3.1266	0.0097	7 56 37.3	19.199	0.140	93.8	137 251	7 3562
4745	8.6	7 13.58	3.1256	0.0096	7 47 5.5	19.196	0.140	93.8	138 251	7 3563
4746	9.0	13 7 31.12	+3.1211	+0.0092	−7 6 3.9	−19.188	+0.140	93.3	42 249	6 3765
4747	8.9	8 0.44	3.1304	0.0099	8 24 3.6	19.176	0.141	93.3	131 140	8 3508
4748	8.7	8 3.11	3.1235	0.0093	7 24 10.1	19.175	0.141	94.1	127 138 254 318	7 3566
4749	8.9	8 35.73	3.1169	0.0088	6 23 28.8	19.161	0.142	93.6	40 137 317	6 3769
4750	9.0	9 29.48	3.1361	0.0103	9 1 34.4	19.137	0.145	93.3	131 140	8 3514

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4751	*7.3	13h 9m 30s.57	+3s.1420	+0s.0108	−9° 50′ 22″.1	−19″.137	+0″.145	93.8	124 250*	9° 3646
4752	9.4	9 37.99	3.1408	0.0107	9 40 7.6	19.134	0.145	98.3	253 421	9 3647
4753	8.7	9 38.48	3.1425	0.0108	9 54 9.6	19.133	0.145	93.8	124 250	9 3648
4754	9.0	9 53.07	3.1251	0.0095	7 26 37.9	19.127	0.145	93.8	127 251	7 3571
4755	8.1	10 17.40	3.1260	0.0095	7 31 41.1	19.116	0.146	93.8	127 251	7 3572
4756	9.0	13 10 49.04	+3.1241	+0.0093	−7 11 29.9	−19.102	+0.147	93.0	42 43 249	6 3773
4757	9.4	10 51.03	3.1451	0.0109	10 5 29.9[1]	19.101	0.148	93.8	138 250	9 3651
4758	8.6	10 58.99	3.1451	0.0109	10 3 54.1	19.098	0.148	93.6	124 138 253	9 3652
4759	7.9	11 37.49	3.1189	0.0090	6 24 24.2	19.081	0.148	93.3 96.3	40 249 421δ	6 3776
4760	*8.3	11 45.00	3.1296	0.0098	7 52 38.2	19.077	0.148	93.8	127 251*	7 3577
4761	9.1	13 11 58.09	+3.1293	+0.0098	−7 48 20.1	−19.071	+0.149	93.8	127 251	7 3579
4762	7.3	12 12.76	3.1459	0.0110	10 1 9.0	19.065	0.150	93.8	124 253	9 3654
4763	9.2	12 23.06	3.1394	0.0105	9 8 0.7	19.060	0.151	93.3	131 140	8 3524
4764	9.4	12 23.79	3.1452	0.0109	9 53 47.1	19.060	0.151	93.8	138 250	9 3656
4765	8.8	12 28.96	3.1352	0.0102	8 32 39.3	19.057	0.151	96.8	317 401	8 3525
4766	7.5	13 12 30.23	+3.1327	+0.0100	−8 12 16.4	−19.057	+0.150	93.8	137 254	7 3582
4767	8.9	13 4.13	3.1395	0.0104	9 2 59.9	19.042	0.152	93.3	131 140	8 3527
4768	8.7	13 30.16	3.1291	0.0097	7 36 59.6	19.030	0.152	94.0	127 251 254	7 3587
4769	9.1	13 55.08	3.1436	0.0108	9 30 0.3	19.018	0.153	93.8	124 250	9 3661
4770	9.0	13 55.78	3.1371	0.0103	8 38 5.0	19.018	0.153	94.3	131 317	8 3533
4771	9.0	13 13 58.07	+3.1433	+0.0108	−9 26 48.9	−19.017	+0.154	93.8	124 253	9 3662
4772	8.7	14 11.67	3.1213	0.0092	6 31 54.3	19.010	0.153	93.0	42 43 249	6 3784
4773	8.7	14 22.00	3.1422	0.0107	9 15 58.4	19.006	0.154	94.3	138 317	9 3664
4774	8.4	14 33.27	3.1371	0.0103	8 34 47.7	19.000	0.155	94.3	131 318	8 3536
4775	8.5	15 7.41	3.1373	0.0103	8 32 3.3	18.984	0.156	93.3	131 140	8 3537
4776	8.2	13 15 12.97	+3.1461	+0.0109	−9 39 57.1	−18.982	+0.156	93.8	124 253	9 3665
4777	8.8	15 21.91	3.1255	0.0094	6 57 29.0	18.978	0.155	93.3	40 249	6 3788
4778	8.8	15 26.26	3.1351	0.0101	8 12 58.7	18.976	0.156	95.3	127 251 401	7 3593
4779	8.9	15 42.94	3.1305	0.0098	7 35 36.3	18.968	0.156	94.0	138 251 254	7 3596
4780	7.8	15 58.00	3.1454	0.0108	9 28 33.9	18.961	0.157	93.8	137 253	9 3669
4781	9.1	13 16 12.92	+3.1492	+0.0112	−9 56 12.0	−18.953	+0.158	93.8	124 250	9 3670
4782	*9.2	16 21.89	3.1198	0.0091	6 9 22.9	18.949	0.157	93.0 93.3	42*α 43 249	5 3675
4783	8.9	16 36.96	3.1282	0.0096	7 13 20.9	18.942	0.158	93.8 00.0	40α 317 421δ 422δ	6 3795
4784	8.5	16 52.76	3.1388	0.0104	8 32 2.2	18.934	0.159	93.3	131 138 140	8 3540
4785	8.5	17 4.65	3.1362	0.0102	8 10 35.2	18.929	0.159	93.8	127 251	7 3599
4786	8.6	13 17 8.53	+3.1270	+0.0095	−7 1 5.9	−18.927	+0.159	93.3	43 249	6 3796
4787	9.3	17 31.24	3.1414	0.0105	8 47 37.6	18.916	0.160	94.3	131 317	8 3543
4788	8.8	17 45.73	3.1526	0.0113	10 10 29.8	18.909	0.161	93.8	124 250	9 3675
4789	9.0	18 1.29	3.1500	0.0111	9 49 32.9	18.901	0.161	93.8	137 250	9 3676
4790	8.5	18 10.64	3.1426	0.0105	8 53 1.5	18.897	0.162	93.3	131 139	8 3544
4791	8.8	13 18 32.58	+3.1357	+0.0101	−7 59 9.4	−18.886	+0.162	93.8	127 251	7 3607
4792	8.0	18 40.78	3.1549	0.0114	10 20 53.6	18.882	0.163	93.8	138 253	10 3670
4793	9.2	19 9.40	3.1490	0.0110	9 34 28.4	18.868	0.163	93.8	138 250	9 3681
4794	8.9	19 9.73	3.1519	0.0113	9 55 1.3	18.868	0.163	93.8 96.6	124 253 421δ	9 3683
4795	9.2	19 35.15	3.1521	0.0112	9 54 9.1	18.855	0.164	93.8	124 253	9 3685
4796	7.6	13 19 35.53	+3.1232	+0.0093	−6 19 8.0	−18.855	+0.163	93.3	40 249	6 3807
4797	8.8	19 48.39	3.1253	0.0094	6 34 15.8	18.849	0.164	93.3	42 249	6 3808
4798	*8.4	20 0.29	3.1391	0.0103	8 15 53.7	18.843	0.165	93.3	131 140*	8 3550
4799	8.4	20 7.47	3.1295	0.0096	7 3 44.1	18.839	0.164	93.4	43 138 255	6 3811I
4800	9.0	20 7.88	3.1295	0.0096	7 3 43.1	18.839	0.164	93.9	138 255	6 3811II

[1] 30″.6 28″.4 (½)

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4801	8.7	$13^h\ 20^m\ 46^s.81$	$+3^s.1542$	$+0^s.0113$	−10° 1′ 0″.3	−18″.819	+0″.166	93.8	124 250	9° 3689
4802	9.2	20 49.33	3.1377	0.0102	8 0 54.1	18.818	0.166	93.3	137 140	7 3614
4803	8.8	21 39.83	3.1556	0.0113	10 4 27.1	18.792	0.168	93.6	124 138 250	9 3692
4804	9.1	22 2.35	3.1565	0.0115	10 8 22.5	18.781	0.169	93.8	134 253	9 3695
4805	9.4	22 14.39	3.1397	0.0104	8 7 9.0	18.775	0.169	93.8	127 254	7 3618
4806	9.0	13 22 15.03	+3.1444	+0.0106	− 8 40 24.2	−18.774	+0.169	93.3	131 139	8 3559
4807	8.1	22 28.66	3.1247	0.0093	6 17 51.2	18.768	0.168	93.3	40 138 249	6 3819
4808	9.1	22 55.35	3.1584	0.0115	10 15 28.1	18.754	0.171	93.8	124 250	10 3680
4809	9.3	23 6.58	3.1322	0.0098	7 8 49.9	18.748	0.170	93.4	43 255	6 3821
4810	8.3	23 13.01	3.1498	0.0109	9 13 33.0	18.745	0.171	93.3	131 140	8 3562
4811	9.0	13 24 1.60	+3.1560	+0.0113	− 9 51 35.8	−18.719	+0.173	93.8	134 253	9 3701
4812	8.9	24 6.38	3.1425	0.0105	8 16 5.8	18.717	0.172	94.0	131 138 317	8 3566
4813	8.4	24 19.52	3.1592	0.0115	10 11 40.0	18.710	0.173	93.8	124 250	9 3702
4814	9.6	24 33.93	3.1489	0.0109	8 58 52.7	18.702	0.174	93.3	131 140	8 3568
4815	9.1	25 3.74	3.1414	0.0104	8 4 32.1	18.687	0.174	93.8	127 251	7 3631
4816	8.8	13 25 9.56	+3.1339	+0.0099	− 7 11 11.4	−18.684	+0.174	93.3	40 138 249	6 3827
4817	9.2	25 19.81	3.1502	0.0109	9 2 55.4	18.678	0.175	93.3	131 140	8 3570
4818	8.9	25 31.19	3.1434	0.0105	8 15 28.0	18.672	0.175	94.3	134 317	8 3572
4819	8.3	25 38.05	3.1516	0.0110	9 10 36.2	18.668	0.176	94.3	137 317	8 3574
4820	8.0	25 40.01	3.1357	0.0100	7 20 50.7	18.667	0.175	93.8	127 251	7 3633
4821	8.3	13 26 7.96	+3.1468	+0.0107	− 8 35 30.1	−18.652	+0.177	94.3	134 318	8 3576
4822	8.7	26 16.27	3.1373	0.0101	7 29 18.8	18.648	0.176	93.8	127 251	7 3635
4823	8.3	26 32.69	3.1574	0.0114	9 44 34.4	18.639	0.177	93.8	124 250	9 3706
4824	9.3	26 37.40	3.1499	0.0109	8 53 27.6	18.637	0.178	93.8	131 253	8 3577
4825	8.8	26 42.99	3.1339	0.0099	7 4 19.9	18.634	0.177	93.0	42 43 249	6 3832
4826	9.6	13 27 4.11	+3.1382	+0.0102	− 7 31 59.5	−18.622	+0.178	93.8	137 254	7 3638
4827	8.6	27 6.63	3.1330	0.0099	6 55 22.8	18.621	0.177	93.3	42 138 249	6 3834
4828	8.8	27 19.50	3.1576	0.0114	9 41 16.3	18.614	0.179	93.8	124 250	9 3710
4829	9.3	27 31.91	3.1486	0.0108	8 39 31.2	18.607	0.179	93.3 96.3	131 140 422δ	8 3580
4830	5.7	27 42.00	3.1576	0.0113	9 38 59.5	18.602	0.180	93.8	124 250	9 3711
4831	7.6	13 27 46.62	+3.1312	+0.0097	− 6 40 50.5	−18.599	+0.179	93.4	40 255	6 3837
4832	7.3	27 58.22	3.1425	0.0104	7 55 51.6	18.593	0.179	93.8	127 251	7 3639
4833	9.3	27 58.22	3.1616	0.0115	10 3 44.4	18.593	0.180	93.8	134 250	9 3712
4834	7.1	28 11.02	3.1353	0.0100	7 6 32.7	18.586	0.180	93.3	43 138 249	6 3839
4835	7.5	28 12.67	3.1426	0.0104	7 55 19.2	18.585	0.180	93.8	127 251	7 3642
4836	*9.0	13 28 36.79	+3.1326	+0.0098	− 6 46 16.2	−18.572	+0.180	93.4	43* 255	6 3840
4837	7.0	29 3.32	3.1448	0.0106	8 6 18.8	18.557	0.181	93.8	137 254	7 3643
4838	8.0	29 26.43	3.1496	0.0109	8 35 38.5	18.544	0.183	93.3 96.3	131 140 422δ	8 3584
4839	9.0	29 30.45	3.1427	0.0104	7 49 36.9	18.542	0.182	93.8	137 251	7 3646
4840	8.9	29 32.32	3.1399	0.0103	7 30 25.2	18.541	0.182	93.8	127 254	7 3647
4841	8.8	13 29 33.74	+3.1634	+0.0117	−10 5 36.6	−18.540	+0.183	93.8	124 250	9 3719
4842	8.9	29 38.89	3.1491	0.0108	8 31 32.8	18.537	0.183	93.3	131 140	8 3586
4843	8.0	29 50.87	3.1305	0.0097	6 27 19.4	18.531	0.182	93.3	42 249	6 3843
4844	8.7	30 0.85	3.1481	0.0107	8 23 22.6	18.525	0.183	93.9	47 318	8 3589
4845	8.9	30 1.27	3.1608	0.0115	9 45 38.4	18.525	0.184	93.8	124 253	9 3721
4846	8.7	13 30 11.99	+3.1667	+0.0118	−10 23 20.7	−18.519	+0.184	93.8	138 250	10 3712
4847	8.7	30 25.62	3.1617	0.0115	9 49 4.2	18.511	0.185	93.8	124 253	9 3724
4848	8.4	30 38.35	3.1568	0.0112	9 16 24.3	18.504	0.185	94.3	138 317	9 3725
4849	8.9	30 44.72	3.1458	0.0105	8 4 9.7	18.501	0.184	93.8	137 251	7 3652
4850	9.2	30 54.02	3.1654	0.0117	10 10 21.5	18.495	0.186	94.3	134 318	9 3726

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4851	8.9	13h 30m 57s.02	+3s.1416	+0s.0103	− 7° 35′ 32″.5	−18″.494	+0″.185	93.8	127 254	7° 3654
4852	9.0	31 35.59	3.1434	0.0104	7 44 33.3	18.472	0.186	93.3	138 140	7 3659
4853	9.1	31 37.98	3.1681	0.0118	10 23 24.5	18.470	0.187	93.8	124 250	10 3718
4854	8.8	31 38.63	3.1625	0.0115	9 47 11.8	18.470	0.187	93.8	134 253	9 3729
4855	8.8	31 59.73	3.1334	0.0099	6 37 35.4	18.458	0.187	93.3	40 249	6 3850
4856[1]	...	13 32 17.80	+3.1678	+0.0119	−10 17 21.7	−18.448	+0.188	94.0	124 138 317*	10 3721M
4857	8.8	32 18.06	3.1679	0.0119	10 17 22.4	18.448	0.188	96.4	253 401	10 3721II
4858[2]	...	32 20.83	3.1404	0.0103	7 21 42.7	18.446	0.187	93.8	127 251	7 3661
4859	8.6	32 25.40	3.1292	0.0097	6 8 34.2	18.444	0.187	93.3	42 249	5 3737
4860	8.7	33 4.04	3.1525	0.0109	8 34 57.7	18.421	0.190	92.9	47 139	8 3602
4861	9.3	13 33 5.09	+3.1310	+0.0097	− 6 17 19.3	−18.421	+0.188	96.4	255 401	6 3853
4862	8.8	33 17.95	3.1533	0.0110	8 39 22.9	18.413	0.190	92.9	47 139	8 3604
4863	8.7	33 18.79	3.1386	0.0101	7 5 40.7	18.413	0.189	93.3	43 249	6 3855
4864	8.1	33 24.14	3.1602	0.0114	9 22 38.8	18.410	0.190	93.8	137 250	9 3735
4865	8.4	33 25.36	3.1464	0.0106	7 54 44.2	18.409	0.189	93.8	127 251	7 3663
4866	8.9	13 33 27.03	+3.1470	+0.0106	− 7 58 10.2	−18.408	+0.190	93.8	127 254	7 3664
4867	8.5	33 49.81	3.1654	0.0116	9 52 53.0	18.395	0.191	93.8	137 250	9 3736
4868	8.0	34 6.60	3.1557	0.0111	8 50 15.1	18.385	0.192	92.9	47 140	8 3608
4869	8.3	34 17.61	3.1632	0.0115	9 36 22.6[3]	18.379	0.192	93.8 96.6	124 253 421δ	9 3737
4870	8.4	34 27.09	3.1646	0.0116	9 44 25.6	18.373	0.192	94.3	138 317	9 3738
4871	8.9	13 34 34.89	+3.1690	+0.0118	−10 10 44.7[4]	−18.369	+0.193	93.8 98.1	138 250 422δ 426δ	9 3739
4872	*8.3	34 37.69	3.1556	. 0.0111	8 46 39.2	18.367	0.193	92.9	47 140*	8 3610
4873	9.2	34 39.89	3.1499	0.0107	8 11 23.4	18.366	0.192	93.8	134 251	7 3669
4874	8.9	35 2.29	3.1437	0.0105	7 30 44.6	18.353	0.193	93.8	137 254	7 3670
4875	9.2	35 5.00	3.1561	0.0112	8 47 25.1	18.351	0.194	92.9 99.0	47 140a 423δ 427δ	8 3611
4876	9.0	13 35 19.95	+3.1499	+0.0108	− 8 8 13.0	−18.342	+0.193	93.8	134 254	7 3671
4877	9.3	35 42.08	3.1549	0.0111	8 36 50.7	18.329	0.195	94.3	131 317	8 3612
4878	8.7	35 42.30	3.1505	0.0108	8 9 43.4	18.329	0.194	93.8	134 254	7 3672
4879	8.1	36 5.31	3.1682	0.0118	9 56 50.2	18.315	0.196	93.8	137 253	9 3745
4880	9.1	36 7.48	3.1475	0.0106	7 49 11.3	18.314	0.195	94.3	138 317	7 3673
4881	9.2	13 36 18.33	+3.1524	+0.0109	− 8 18 35.5	−18.308	+0.195	93.3	131 139	8 3615
4882	**6.0**	**36 21.72**	**3.1513**	**0.0106**	**8 11 54.3**	**18.306**	**0.191**		**Fund. Cat.**	7 3674
4883	8.3	36 33.36	3.1403	0.0102	7 3 1.8	18.299	0.195	93.4	40 255	6 3868
4884	8.7	36 39.76	3.1610	0.0114	9 9 57.1	18.295	0.197	94.3	131 318	8 3618
4885	8.5	36 48.31	3.1349	0.0099	6 27 50.7	18.290	0.194	93.4	42 255	6 3870
4886	8.4	13 36 50.99	+3.1557	+0.0111	− 8 36 20.5	−18.288	+0.197	94.3	134 317	8 3620
4887	9.3	37 18.84	3.1690	0.0118	9 54 49.2	18.271	0.198	93.8	138 253	9 3750
4888	9.2	37 42.45	3.1614	0.0114	9 6 42.5	18.257	0.199	94.3	131 318	8 3621
4889	9.1	37 43.64	3.1386	0.0101	6 48 1.1	18.257	0.197	93.4	43 255	6 3873
4890	9.3	37 48.50	3.1388	0.0101	6 48 51.0	18.254	0.197	93.4	43 255	6 3874
4891	9.2	13 37 49.61	+3.1457	+0.0105	− 7 30 51.8	−18.253	+0.198	93.8	138 251	7 3678
4892	9.1	37 52.06	3.1712	0.0119	10 5 21.9	18.251	0.199	96.4	250 401	9 3753
4893	8.9	37 54.77	3.1574	0.0111	8 41 34.7	18.250	0.199	93.8	47 317	8 3623
4894	8.3	38 20.92	3.1402	0.0103	6 55 22.1	18.234	0.198	93.3	40 249	6 3875
4895	9.1	38 27.09	3.1606	0.0114	8 58 8.0	18.230	0.200	93.9	47 318	8 3624
4896	9.0	13 38 28.01	+3.1398	+0.0102	− 6 52 38.5	−18.230	+0.198	93.3	42 249	6 3876
4897	9.4	38 30.04	3.1462	0.0106	7 30 41.7	18.228	0.199	93.8	137 251	7 3682
4898	9.4	38 32.79	3.1645	0.0116	9 21 27.4	18.227	0.200	93.8	124 250	9 3757
4899	8.9	38 47.10	3.1439	0.0104	7 15 45.1	18.218	0.199	93.8	134 254	7 3684
4900	8.7	38 57.28	3.1512	0.0108	7 59 6.5	18.212	0.200	93.9	138 254	7 3685

[1] Dpl. med. (9m.0 9m.0) [2] Dpl. med., Z 127: 8m.2 8m.2 [3] 21″.5 24″.0 22″.3 [4] 46″.2 43″.2 44″.6 44″.7

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4901	9.0	$13^h\ 38^m\ 59^s.55$	$+3^s.1636$	$+0^s.0115$	$-\ 9°\ 13'\ 45''.5$	$-18''.211$	$+0''.201$	93.3	131 140	8° 3626
4902	9.2	39 9.62	3.1680	0.0117	9 39 5.4	18.204	0.201	93.8	137 253	9 3759
4903	8.9	39 21.41	3.1600	0.0113	8 49 57.1	18.197	0.202	93.3	131 139	8 3628
4904	9.3	39 27.58	3.1749	0.0121	10 17 57.7	18.193	0.202	96.4	250 401	10 3745
4905	7.2	39 42.32	3.1432	0.0104	7 7 56.4	18.184	0.200	93.3	40 249	6 3878
4906	8.5	13 40 2.46	+3.1725	+0.0119	−10 1 8.3	−18.172	+0.203	93.8	134 253	9 3767
4907	8.5	40 4.76	3.1727	0.0119	10 1 43.3	18.170	0.203	93.8	134 253	9 3768
4908	8.4	40 20.30	3.1634	0.0114	9 5 33.8	18.161	0.204	92.7 95.7	45 47 140a 422δ	8 3633
4909	8.9	40 39.61	3.1455	0.0104	7 17 32.7	18.149	0.202	93.3	53 137 251	7 3694
4910	9.1	40 47.38	3.1716	0.0118	9 51 9.9	18.144	0.205	93.8	124 250	9 3770
4911	8.6	13 41 5.94	+3.1523	+0.0108	− 7 56 7.8	−18.133	+0.204	93.3	138 140	7 3698
4912	6.3	41 56.17	3.1659	0.0116	9 12 30.5	18.101	0.206	93.0	45 138 139	8 3639
4913	8.5	42 5.50	3.1537	0.0109	8 0 6.7	18.095	0.206	93.3	53 131 251	7 3700
4914	6.8	42 11.80	3.1354	0.0100	6 12 19.7	18.091	0.205	93.7	42 249 255	5 3762
4915	9.0	42 17.22	3.1535	0.0109	7 58 30.6	18.088	0.206	93.7 93.4	53δ 131 140 254	7 3702
4916	8.8	13 42 35.15	+3.1714	+0.0118	− 9 41 3.0	−18.077	+0.208	93.8	124 253	9 3777
4917	8.8	42 42.52	3.1572	0.0111	8 17 26.5	18.072	0.207	93.0	47 137 139	8 3641
4918	8.0	42 47.35	3.1493	0.0107	7 31 22.6	18.069	0.207	93.8	134 251	7 3704
4919	8.5	42 53.50	3.1781	0.0122	10 17 23.6	18.065	0.208	93.8	124 253	10 3759
4920	9.0	42 57.38	3.1414	0.0103	6 44 27.1	18.063	0.207	93.0	42 43 255	6 3886
4921	6.9	13 43 4.03	+3.1372	+0.0101	− 6 20 16.5	−18.058	+0.207	93.3	40 249	6 3887
4922	8.9	43 31.51	3.1658	0.0115	9 3 46.6	18.041	0.209	93.0	45 138 139	8 3642
4923	7.9	43 33.96	3.1515	0.0107	7 41 27.9	18.039	0.208	93.8	131 251	7 3706
4924	9.4	43 53.52	3.1727	0.0118	9 41 43.5	18.027	0.210	93.8	134 250	9 3784
4925	8.7	43 58.61	3.1427	0.0103	6 48 56.3	18.024	0.208	93.4	40 49 249 255	6 3889
4926	9.0	13 44 17.30	+3.1527	+0.0108	− 7 45 18.6	−18.011	+0.210	93.3	131 140	7 3708
4927	8.8	44 20.17	3.1627	0.0113	8 42 5.4	18.010	0.211	93.7	47 137 317	8 3644
4928	8.9	44 46.94	3.1481	0.0105	7 16 52.1	17.993	0.210	93.8	134 251	7 3710
4929	8.9	45 13.29	3.1802	0.0122	10 17 13.5	17.976	0.213	93.0	55 56 250	10 3765
4930	7.4	45 17.40	3.1466	0.0106	7 6 5.1	17.973	0.211	93.3	43 138 249	6 3892
4931	8.0	13 45 22.59	+3.1421	+0.0103	− 6 40 27.8	−17.970	+0.211	93.4	49 255	6 3893
4932	9.2	45 23.35	3.1522	0.0108	7 37 50.7	17.969	0.212	93.8	131 254	7 3711
4933	7.0	45 35.37	3.1487	0.0106	7 17 17.8	17.961	0.212	93.8	134 254	7 3712
4934	8.6	45 43.43	3.1777	0.0121	10 0 34.8	17.956	0.214	93.4	55 138 253	9 3789
4935	9.5	46 2.35	3.1767	0.0120	9 52 58.9	17.944	0.214	93.4	56 250	9 3790
4936	8.8	13 46 14.14	+3.1435	+0.0104	− 6 45 32.7	−17.936	+0.213	93.0	43 49 249	6 3896
4937	7.9	46 29.75	3.1428	0.0103	6 40 41.0	17.926	0.213	93.3	40 137 255	6 3897
4938	8.8	47 5.55	3.1506	0.0107	7 22 21.8	17.902	0.214	93.6	131 138 251	7 3716
4939	7.7	47 35.37	3.1814	0.0122	10 11 18.0	17.883	0.217	93.3 95.6	55 137 250 422δ	9 3793
4940	8.4	47 44.19	3.1496	0.0106	7 14 13.7	17.877	0.216	93.8	131 251	7 3719
4941	8.9	13 48 0.13	+3.1537	+0.0108	− 7 36 13.7	−17.866	+0.216	93.8	134 254	7 3721
4942	8.9	48 37.36	3.1623	0.0113	8 20 50.1	17.842	0.218	93.1	45 138 139 140	8 3657
4943	8.0	48 38.49	3.1584	0.0111	7 59 23.5	17.841	0.218	93.8	131 254	7 3723
4944	9.0	49 29.16	3.1745	0.0119	9 24 13.4	17.807	0.220	93.4	55 250	9 3802
4945[1]	...	49 43.54	3.1545	0.0109	7 33 59.6	17.797	0.220	93.8	134 251	7 3728
4946	8.8	13 49 50.19	+3.1713	+0.0117	− 9 4 56.3	−17.793	+0.221	92.9 99.0	45 140a 423δ 426δ	8 3661
4947	9.2	50 11.15	3.1531	0.0108	7 24 30.0	17.779	0.220	93.8	134 251	7 3731
4948	8.0	50 14.76	3.1711	0.0117	9 2 0.5	17.776	0.221	92.9	47 140	8 3664
4949	6.4	50 30.37	3.1717	0.0117	9 4 10.5	17.766	0.222	92.9 99.0	45 140a 422δ 427δ	8 3667
4950	7.1	50 35.07	3.1739	0.0118	9 15 55.0	17.763	0.222	93.4	56 138 250	9 3804

[1] Dpl. med., Z 134: $7^m.9$ $8^m.5$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
4951	9.0	13h 50m 56s.31	+3s.1471	+0s.0105	−6° 48′ 52″.8	−17″.748	+0″.222	93.3	42 249	6° 3904
4952	8.7	51 16.25	3.1611	0.0111	8 4 4.6	17.735	0.222	93.0	47 51 251	7 3736
4953	8.9	51 16.58	3.1466	0.0105	6 44 52.7	17.735	0.222	93.3	42 249	6 3906
4954	7.4	51 19.69	3.1777	0.0120	9 32 37.7	17.732	0.224	93.4	55 253	9 3807
4955	8.8	51 27.94	3.1861	0.0123	10 16 58.0	17.727	0.225	93.4	56 250	10 3786
4956	8.9	13 51 29.53	+3.1474	+0.0105	−6 48 51.8	−17.726	+0.223	93.4	49 249	6 3907
4957	9.2	51 34.10	3.1854	0.0123	10 12 53.2	17.723	0.225	93.8	138 250	9 3809
4958	8.8	51 45.30	3.1492	0.0106	6 57 32.3	17.715	0.223	93.4	49 134 255	6 3908
4959	9.0	52 44.44	3.1796	0.0121	9 36 9.1	17.674	0.227	93.4	55 253	9 3817
4960	8.8	52 55.27	3.1680	0.0115	8 33 57.1	17.667	0.226	93.0	45 138 139	8 3672
4961	*8.8	13 53 8.76	+3.1436	+0.0104	−6 22 58.9	−17.658	+0.225	93.4	51* 249	6 3910
4962	9.2	53 23.49	3.1701	0.0116	8 43 17.9	17.647	0.227	93.6	47 131 140 317	8 3673
4963	8.8	53 39.22	3.1405	0.0102	6 4 50.7	17.637	0.226	93.0	42 49 255	5 3789
4964	*6.8	53 44.79	3.1445	0.0104	6 26 11.6	17.633	0.226	93.4	51* 249	6 3911
4965	8.9	53 50.08	3.1411	0.0103	6 7 31.1	17.629	0.226	93.8	134 255	5 3791
4966	9.1	13 54 2.95	+3.1530	+0.0108	−7 10 32.1	−17.620	+0.227	93.4	53 138 255	6 3912
4967	9.1	54 3.78	3.1881	0.0124	10 14 54.2	17.619	0.229	93.4	55 250	10 3796
4968	8.8	54 25.37	3.1759	0.0119	9 9 31.1	17.604	0.229	92.9	45 139	8 3675
4969	9.1	54 41.10	3.1723	0.0117	8 49 50.7	17.593	0.229	93.6	47 131 140 317	8 3676
4970	6.2	54 48.37	3.1593	0.0110	7 40 30.5	17.588	0.229	93.4	51 251	7 3748
4971	8.8	13 55 13.94	+3.1495	+0.0106	−6 47 58.5	−17.570	+0.229	93.4	49 255	6 3916
4972	8.1	55 15.91	3.1618	0.0111	7 51 51.8	17.569	0.229	93.4	53 254	7 3750
4973	8.7	55 20.38	3.1869	0.0123	10 2 38.7	17.566	0.232	93.4	56 250	9 3828
4974	8.2	55 35.07	3.1588	0.0110	7 35 12.9	17.556	0.230	93.4	51 251	7 3751
4975	8.6	55 38.94	3.1436	0.0103	6 15 33.3	17.553	0.229	93.8	134 249	6 3917
4976	8.4	13 55 45.38	+3.1633	+0.0112	−7 58 18.3	−17.548	+0.230	93.4	53 251	7 3753
4977	8.5	55 50.29	3.1480	0.0105	6 37 53.7	17.545	0.230	93.3	49 138 249	6 3918
4978	8.9	55 53.16	3.1725	0.0117	8 46 3.1	17.543	0.232	92.9	47 139	8 3678
4979	8.7	55 54.64	3.1857	0.0122	9 53 33.5	17.542	0.233	93.4	56 253	9 3830
4980	8.6	56 19.57	3.1810	0.0120	9 27 24.8	17.524	0.232	93.8	134 253	9 3832
4981	8.8	13 56 22.37	+3.1599	+0.0110	−7 38 19.8	−17.522	+0.231	93.8	131 254	7 3754
4982	9.0	56 30.96	3.1672	0.0114	8 15 36.4	17.516	0.232	93.6 93.7	55 138 140a 317	8 3680
4983	8.5	56 32.19	3.1620	0.0111	7 48 18.2	17.515	0.232	93.4	53 251	7 3755
4984	9.0	57 12.81	3.1879	0.0123	9 58 47.3	17.486	0.235	93.4	56 250	9 3836
4985	8.6	57 37.62	3.1883	0.0124	9 59 2.9	17.468	0.236	93.4	56 250	9 3838
4986	8.5	13 57 42.12	+3.1771	+0.0119	−9 1 37.8	−17.465	+0.235	93.0	45 131 139	8 3685
4987	7.8	58 1.98	3.1496	0.0106	6 39 28.5	17.451	0.234	93.3	42 249	6 3921
4988	7.8	58 11.42	3.1919	0.0125	10 15 0.2	17.444	0.237	93.8	134 253	10 3811
4989	7.3	58 39.09	3.1807	0.0120	9 15 55.1	17.424	0.237	93.8	138 250	9 3841
4990	8.7	58 49.11	3.1525	0.0107	6 51 49.3	17.417	0.236	93.4	49 249	6 3924
4991	8.9	13 58 52.29	+3.1459	+0.0105	−6 18 28.0	−17.415	+0.235	93.4	49 255	6 3925
4992	8.1	59 1.34	3.1784	0.0119	9 2 55.3	17.408	0.237	92.9	45 139	8 3688
4993	6.4	59 3.64	3.1751	0.0118	8 46 37.1	17.407	0.237	92.9	47 140	8 3689
4994	9.1	59 7.32	3.1815	0.0121	9 18 24.8	17.404	0.237	93.8	134 250	9 3843
4995	9.0	59 30.91	3.1796	0.0120	9 6 55.2	17.387	0.238	92.9 97.6	45 139 422δ 427δ	8 3691
4996	*8.8	13 59 34.00	+3.1436	+0.0103	−6 4 19.0	−17.384	+0.236	96.0	255* 317 401	5 3802 I
4997	*8.3	59 34.26	3.1436	0.0103	6 4 22.0	17.384	0.236	96.0	255* 317 401	5 3802 II
4998	*8.2	59 43.09	3.1475	0.0105	6 23 47.4	17.378	0.237	93.4	51 255*	6 3929
4999	9.0	59 45.37	3.1820	0.0121	9 18 13.9	17.376	0.238	93.8	134 250	9 3844
5000	8.0	59 53.50	3.1733	0.0116	8 34 9.1	17.370	0.239	92.9	47 140	8 3693

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
5001	9.1	13h 59m 56.s10	+3.s1840	+0.s0121	−9° 27′ 16.″0	−17.″368	+0.″238	93.4	56 253	9° 3846
5002	7.5	59 57.18	3.1524	0.0107	6 47 49.4	17.368	0.238	93.3	42 249	6 3930
5003	8.2	14 0 6.95	3.1610	0.0111	7 31 5.2	17.361	0.238	93.0	51 53 251	7 3762
5004	9.1	0 23.69	3.1872	0.0122	9 41 21.7	17.348	0.241	93.8	138 253	9 3847
5005	8.7	0 51.86	3.1565	0.0108	7 5 54.9	17.328	0.239	93.4	49 249	6 3933
5006	6.7	14 0 59.92	+3.1724	+0.0115	−8 24 52.6	−17.322	+0.240	92.9	47 139	8 3696
5007	8.6	1 14.80	3.1870	0.0122	9 37 9.3	17.311	0.242	93.8	134 253	9 3851
5008	5.2	1 25.47	3.1777	0.0118	8 50 12.0	17.303	0.242	92.9	45 140	8 3697
5009	7.9	1 51.31	3.1676	0.0113	7 57 48.2	17.284	0.241	93.4	53 251	7 3770
5010	9.0	2 0.34	3.1637	0.0111	7 38 20.1	17.277	0.242	94.0	51 251 254	7 3771
5011	8.0	14 2 9.80	+3.1906	+0.0123	−9 50 50.5	−17.270	+0.244	93.4	55 138 250	9 3854
5012	8.6	2 52.10	3.1923	0.0124	9 55 46.5	17.239	0.245	93.8	134 250	9 3856
5013	8.2	3 19.79	3.1737	0.0116	8 23 13.5	17.218	0.244	93.0	55 131 139	8 3705
5014	8.8	3 27.54	3.1854	0.0121	9 19 45.1	17.212	0.245	93.4	56 253	9 3862
5015	8.7	3 31.52	3.1858	0.0121	9 21 25.9	17.209	0.245	93.4	56 253	9 3863
5016	6.6	14 3 40.84	+3.1921	+0.0123	−9 51 39.5	−17.202	+0.247	94.3	134 323	9 3865
5017	8.6	3 46.71	3.1636	0.0112	7 31 48.9	17.198	0.245	93.0	51 53 251	7 3778
5018	9.3	3 55.71	3.1492	0.0106	6 20 21.1	17.191	0.244	93.3	42 249	6 3941
5019	9.0	4 24.55	3.1563	0.0109	6 54 22.8	17.170	0.245	93.4	49 255	6 3943
5020	8.8	4 26.79	3.1618	0.0111	7 20 46.5	17.168	0.246	93.8	138 251	7 3779
5021	9.1	14 4 41.68	+3.1538	+0.0107	−6 41 9.3	−17.157	+0.246	93.4	49 249	6 3944
5022	8.6	4 47.44	3.1688	0.0113	7 53 56.8	17.152	0.247	93.4	53 254	7 3782
5023	9.1	4 49.60	3.1887	0.0122	9 30 21.2	17.151	0.249	93.8	138 250	9 3867
5024	9.0	4 50.45	3.1566	0.0109	6 54 3.7	17.150	0.246	93.4	42 255	6 3945
5025	7.6	5 13.68	3.1467	0.0104	6 5 12.6	17.132	0.246	93.4	51 249	5 3823
5026	8.9	14 5 49.58	+3.1955	+0.0125	−9 58 56.9	−17.105	+0.250	93.8	134 250	9 3869
5027	8.3	5 59.09	3.1960	0.0125	10 0 27.7	17.098	0.251	93.8	134 250	9 3870
5028	8.7	6 10.34	3.1978	0.0126	10 8 3.5	17.089	0.251	93.8	138 253	9 3873
5029	8.7	6 35.86	3.1901	0.0122	9 29 40.0	17.070	0.251	93.4	56 253	9 3874
5030	7.3	7 13.57	3.1897	0.0122	9 25 47.9	17.041	0.252	93.4	56 250	9 3877
5031	9.1	14 7 13.92	+3.1687	+0.0113	−7 45 15.0	−17.041	+0.251	93.1	51 53 254	7 3790
5032	**4.3**	**7 33.58**	**3.1948**	**0.0123**	**9 48 29.8**	**17.025**	**0.251**		**Fund. Cat.**	**9 3878**
5033	8.9	7 58.67	3.1880	0.0121	9 14 29.3	17.006	0.253	93.8	134 253	9 3881
5034	8.3	7 59.29	3.1748	0.0116	8 11 59.8	17.006	0.252	93.0	53 138 140	7 3793
5035	*7.5	8 0.99	3.1720	0.0115	7 58 34.2	17.004	0.252	92.9	53* 140	7 3794
5036	8.7	14 8 10.64	+3.1791	+0.0118	−8 31 45.3	−16.997	+0.254	92.9 96.0	47 139 426δ	8 3724
5037	8.8	8 19.94	3.1809	0.0118	8 40 8.6	16.990	0.254	92.9	45 139	8 3725
5038	8.6	8 51.21	3.1735	0.0115	8 3 1.1	16.965	0.254	93.4	51 251	7 3799
5039	8.1	9 0.75	3.1551	0.0108	6 35 17.7	16.958	0.253	93.4	49 249	6 3952
5040	9.5	9 4.88	3.1753	0.0116	8 10 27.3	16.955	0.254	93.9	138 254	7 3801
5041	8.9	14 9 14.73	+3.1876	+0.0121	−9 7 52.5	−16.947	+0.256	93.0	45 131 140	8 3729
5042	9.5	9 23.67	3.1982	0.0125	9 56 44.4	16.940	0.257	93.8	134 250	9 3888
5043	*7.5	10 25.15	3.1637	0.0111	7 11 59.2	16.892	0.256	93.4	42* 255	6 3955
5044	9.1	10 29.99	3.1726	0.0114	7 53 23.4	16.888	0.257	93.8	134 251	7 3805
5045	9.3	10 30.72	3.1945	0.0123	9 35 24.9	16.888	0.259	93.4	55 250	9 3893
5046	9.0	14 10 35.75	+3.1787	+0.0117	−8 21 40.6	−16.884	+0.257	92.9	47 139	8 3732
5047	8.7	10 39.35	3.1858	0.0120	8 54 44.8	16.881	0.258	92.9	47 140	8 3733
5048	8.6	10 43.52	3.1562	0.0108	6 35 47.6	16.878	0.256	93.4	49 255	6 3957
5049	8.8	10 50.43	3.1916	0.0122	9 20 41.7	16.872	0.258	93.4	56 253	9 3896
5050	*6.5	11 6.02	3.1508	0.0106	6 9 23.2	16.860	0.256	93.4	49 255*	5 3845

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5051	7.8	14h 11m 19s.74	+3s.1617	+0s.0110	−7° 0′ 9″.6	−16″.849	+0″.257	93.4	51 255	6° 3960
5052	*6.1	11 30.24	3.1801	0.0117	8 25 10.7	16.841	0.259	93.3	131* 139	8 3737
5053	*9.2	11 54.35[1]	3.1810	0.0117	8 27 57.3	16.822	0.259	94.0 94.3	131* 139a 321	8 3738
5054	9.3	11 55.05	3.1923	0.0122	9 19 57.8	16.821	0.260	93.4	56 253	9 3898
5055	6.5	12 3.91	3.1823	0.0118	8 33 33.0	16.814	0.261	93.4	45 47 323	8 3740
5056	9.0	14 12 7.63	+3.1918	+0.0121	−9 16 52.1	−16.811	+0.261	93.8	134 250	9 3899
5057	9.0	12 28.27	3.1821	0.0118	8 31 8.8	16.795	0.261	93.4	45 55 323	8 3744
5058	8.8	12 32.20	3.1745	0.0115	7 55 49.2	16.791	0.260	93.1	51 53 254	7 3811
5059	6.9	12 41.13	3.1690	0.0113	7 30 11.7	16.784	0.261	93.4	51 251	7 3813
5060	6.7	12 41.93	3.1635	0.0110	7 4 22.4	16.784	0.260	93.3	42 249	6 3964
5061	9.3	14 13 11.36	+3.1831	+0.0118	−8 33 19.2	−16.760	+0.262	92.9	47 140	8 3747
5062	8.7	13 12.91	3.1883	0.0120	8 56 50.5	16.759	0.262	93.7	55 138 321	8 3748
5063	7.4	13 25.09	3.1572	0.0108	6 33 6.5	16.749	0.261	93.4	49 255	6 3965
5064	8.6	13 37.70	3.1853	0.0118	8 41 56.8	16.739	0.263	93.0	55 138 140	8 3750
5065	8.5	13 45.66	3.2046	0.0126	10 8 57.6	16.733	0.264	93.4	56 253	9 3909
5066	9.4	14 13 57.83	+3.2001	+0.0124	−9 47 41.2	−16.723	+0.265	94.3	134 253 323	9 3910
5067	8.3	14 1.75	3.1684	0.0112	7 23 12.8	16.720	0.262	93.4	51 251	7 3818
5068	8.7	14 6.89	3.1600	0.0109	6 44 25.4	16.716	0.262	93.4	42 255	6 3970
5069	6.3	14 37.89	3.1543	0.0107	6 17 8.1	16.691	0.262	93.4	49 249	6 3972
5070	9.5	14 38.86	3.1877	0.0119	8 48 59.4	16.690	0.265	94.0	131 138 321	8 3755
5071	8.3	14 14 44.19	+3.1720	+0.0113	−7 37 36.7	−16.685	+0.264	93.4	53 251	7 3822
5072	9.1	14 48.56	3.1517	0.0106	6 4 36.7	16.682	0.262	93.4	49 249	5 3859
5073	8.4	14 56.36	3.1801	0.0116	8 13 44.9	16.676	0.264	92.9	45 139	8 3757
5074	9.1	15 22.22	3.1639	0.0110	6 59 6.0[2]	16.655	0.264	93.4 97.9	51 255 423δ 426δ	6 3977
5075	9.1	15 30.19	3.1662	0.0112	7 9 0.8	16.648	0.264	94.3 94.7	134 319aδ 320	6 3978
5076	7.5	14 16 12.03	+3.2035	+0.0126	−9 54 46.7	−16.614	+0.269	93.4	55 250	9 3915
5077	8.2	16 27.71	3.2078	0.0127	10 12 33.7	16.601	0.269	93.4	56 250	10 3882
5078	8.5	16 28.31	3.1809	0.0117	8 12 55.7	16.601	0.267	92.7	45 47 139	8 3761
5079	9.1	16 32.54	3.1555	0.0107	6 17 47.9	16.597	0.265	93.4	49 249	6 3981
5080	9.2	16 41.95	3.1960	0.0123	9 19 26.4	16.590	0.268	93.8	138 253	9 3918
5081	7.2	14 16 44.84	+3.1734	+0.0114	−7 38 0.6	−16.587	+0.267	93.4	53 251	7 3831
5082	9.1	16 57.40	3.1978	0.0123	9 26 19.5	16.577	0.269	93.8	134 253	9 3919
5083	9.0	17 13.26	3.1672	0.0111	7 9 8.0	16.564	0.267	93.4	51 255	6 3983
5084[3]	...	17 21.10	3.1694	0.0113	7 18 32.8	16.558	0.267	93.4	53 251	7 3834
5085	9.2	17 24.72	3.1759	0.0115	7 47 30.1	16.555	0.269	93.9	138 254	7 3835
5086	9.3	14 17 44.15	+3.1855	+0.0118	−8 29 19.2	−16.539	+0.269	92.9	55 140	8 3765
5087	8.6	17 46.77	3.2058	0.0126	9 59 5.6	16.536	0.271	93.9	56 323	9 3921
5088	8.5	17 55.98	3.1532	0.0107	6 4 14.7	16.529	0.267	93.4	51 255	5 3869
5089	8.8	18 43.76	3.2065	0.0126	9 58 16.9	16.489	0.273	93.4	56 253	9 3925
5090	9.4	18 50.19	3.1952	0.0122	9 8 19.2	16.484	0.272	92.9 97.6	55 140 423δ 426δ	8 3769
5091	8.8	14 18 50.83	+3.1610	+0.0109	−6 37 10.4	−16.483	+0.270	93.4	51 255	6 3990
5092	9.0	19 0.51	3.1830	0.0117	8 14 17.5	16.475	0.271	92.9	45 139	8 3770
5093	8.9	19 14.61	3.1565	0.0108	6 16 13.9	16.464	0.270	93.4	49 255	6 3991
5094	8.9	19 19.01	3.1828	0.0117	8 12 21.4	16.460	0.272	92.9	45 139	8 3771
5095	9.4	19 24.63	3.1578	0.0108	6 21 24.2	16.455	0.270	93.9 94.4	49 319aδ 320	6 3992
5096	8.4	14 19 29.19	+3.1627	+0.0110	−6 42 59.9	−16.451	+0.271	95.4	53 324 401	6 3993
5097	9.2	20 22.35	3.1988	0.0123	9 18 59.6	16.407	0.275	92.9	55 140	9 3932
5098	9.2	20 33.03	3.2087	0.0126	10 1 18.7	16.398	0.276	93.8	134 250	9 3933
5099	8.5	21 3.91	3.1658	0.0111	6 52 35.0	16.372	0.274	93.4	49 255	6 4000
5100	9.3	21 44.52	3.2048	0.0124	9 40 23.3	16.338	0.278	93.8	134 250	9 3941

[1] 54s.34 54s.24 54s.46   [2] 7″.8 5″.1 5″.8 5″.3   [3] Dpl. med.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5101	8.6	14h 22m 9s.07	+3s.2063	+0s.0125	−9° 45′ 20″.6	−16″.317	+0″.279	92.9	56 140	9° 3943
5102	8.7	22 50.88	3.1867	0.0118	8 18 31.2	16.281	0.278	92.9 96.1	45 139 427δ	8 3781
5103	9.0	23 2.41	3.1737	0.0113	7 22 2.7	16.272	0.277	93.4	51 254	7 3851
5104	6.2	23 11.30	3.2044	0.0124	9 33 20.9	16.264	0.280	95.9	140 401	9 3945
5105	9.1	23 16.90	3.2073	0.0125	9 45 29.6	16.259	0.281	96.4	253 401	9 3946
5106	8.7	14 23 18.47	+3.2073	+0.0125	−9 45 25.7	−16.258	+0.281	93.1	55 56 253	9 3947
5107	[5.7]	23 25.18	3.1612	0.0109	6 27 4.9	16.252	0.276	93.4	49 255	6 4009
5108	8.8	23 50.28	3.1744	0.0113	7 23 7.1	16.231	0.279	94.0	51 251 254	7 3854
5109	9.2	24 8.42	3.2161	0.0128	10 19 46.4	16.215	0.283	96.0	250 324 401	10 3910
5110	8.0	24 9.56	3.2131	0.0127	10 7 13.8	16.214	0.282	98.9	323 426	9 3949
5111	9.1	14 24 9.57	+3.2072	+0.0125	−9 42 14.6	−16.214	+0.282	93.4	55 56 321	9 3950
5112	8.2	24 51.20	3.1644	0.0110	6 37 31.9	16.178	0.280	93.4 96.4	49 255 427δ	6 4012
5113	9.2	25 18.78	3.1635	0.0110	6 32 6.5	16.155	0.280	93.4	44 255	6 4014
5114	8.9	25 37.57	3.1870	0.0118	8 11 42.5[1]	16.138	0.283	93.1	51 53 140 254	7 3856
5115	9.0	25 48.61	3.2107	0.0126	9 51 20.5	16.129	0.285	94.0	56 250 323	9 3960
5116	8.2	14 27 1.97	+3.1723	+0.0112	−7 5 46.6	−16.065	+0.283	93.4	49 255	6 4021
5117	8.7	27 3.42	3.1855	0.0117	8 1 34.2[2]	16.064	0.285	93.4	51 53 140 322	7 3863
5118	8.2	27 13.57	3.2041	0.0124	9 18 58.2	16.055	0.286	92.9	55 139	9 3962
5119	9.1	27 14.12	3.1677	0.0111	6 45 46.3	16.055	0.284	93.4	49 138 255	6 4022
5120	8.6	27 31.94	3.1680	0.0111	6 46 10.5	16.039	0.284	93.4	49 138 255	6 4023
5121	7.8	14 28 4.22	+3.1643	+0.0110	−6 29 43.2	−16.011	+0.284	93.9 94.4	44 319*δ 320	6 4025
5122	9.3	28 5.18	3.2176	0.0128	10 12 7.9	16.010	0.289	94.0	55 250 324	10 3923
5123	7.7	28 24.16	3.1636	0.0110	6 25 48.4	15.993	0.284	93.9 94.4	44 319*δ 320	6 4026
5124	9.0	28 35.18	3.2014	0.0122	9 3 22.9[3]	15.983	0.289	92.9 97.6	45 139 423δ 426δ	8 3795
5125	8.4	28 47.77	3.1698	0.0111	6 50 56.8	15.972	0.286	94.1	49 255 324	6 4029
5126	*9.1	14 29 40.54	+3.1924	+0.0119	−8 22 43.3	−15.926	+0.289	92.9	45* 140	8 3797
5127	8.4	29 46.64	3.1995	0.0121	8 52 13.3	15.920	0.291	93.9	47 323	8 3798
5128	7.9	29 55.64	3.1966	0.0120	8 39 26.1	15.912	0.291	93.7	47 139 321	8 3799
5129	8.9	29 55.90	3.1718	0.0111	6 56 29.4	15.912	0.288	93.4	49 255	6 4031
5130	*9.0	30 0.56	3.1939	0.0119	8 28 25.5	15.908	0.290	92.9	45* 140	8 3801
5131	8.5	14 30 6.54	+3.1861	+0.0117	−7 55 15.4	−15.903	+0.290	93.6	51 53 254 322	7 3871
5132	8.9	30 25.17	3.2042	0.0123	9 9 27.1	15.886	0.292	93.9	55 323	8 3803
5133	8.6	30 25.66	3.1769	0.0113	7 16 29.5	15.886	0.290	93.9	138 254	7 3873
5134	7.1	30 28.81	3.1894	0.0118	8 8 16.6	15.883	0.291	93.9	53 322	7 3874
5135	8.9	30 48.17	3.1703	0.0111	6 48 25.6	15.866	0.289	93.9 94.4	51 319*δ 320	6 4034
5136	7.3	14 30 57.21	+3.2049	+0.0123	−9 10 31.6	−15.857	+0.293	93.7	55 140 323	8 3805
5137	8.9	31 13.13	3.1734	0.0112	7 0 20.6[4]	15.843	0.290	92.9	41 44 49 255	6 4035
5138	9.0	31 14.88	3.1957	0.0120	8 32 11.9	15.842	0.293	92.9 96.0	47 139 425δ	8 3806
5139	*8.9	31 18.29	3.1874	0.0117	7 57 59.3	15.839	0.292	93.4 96.4	53* 254 426δ	7 3876
5140	9.0	31 19.62	3.1989	0.0121	8 44 47.9	15.837	0.293	93.9	55 321	8 3807
5141	8.6	14 31 37.04	+3.1956	+0.0120	−8 30 42.6	−15.822	+0.294	92.9	47 139	8 3808
5142	9.0	31 53.96	3.1873	0.0117	7 55 53.0	15.807	0.293	93.4	51 254	7 3877
5143	*9.1	31 57.23	3.1969	0.0120	8 34 49.8	15.804	0.294	93.7	55 138* 321	8 3809
5144	7.8	32 42.95	3.2081	0.0124	9 18 16.2	15.763	0.296	93.4	56 250	9 3972
5145	8.1	32 46.58	3.1924	0.0118	8 14 26.5	15.759	0.294	92.9	45 140	8 3810
5146	9.1	14 32 52.51	+3.1871	+0.0116	−7 52 31.5[5]	−15.754	+0.295	94.1 96.1	53 254 322 425δ	7 3879
5147	7.7	33 18.26	3.1705	0.0111	6 43 40.8	15.731	0.293	93.0	41 44 255	6 4041
5148	7.1	33 37.78	3.2210	0.0128	10 7 22.4	15.713	0.298	93.4	56 250	9 3975
5149	9.1	34 3.33	3.1765	0.0113	7 6 50.2	15.690	0.294	93.4	49 255	6 4046
5150	8.9	34 24.07	3.2126	0.0125	9 31 8.0	15.671	0.299	92.9 96.1	56 140 427δ	9 3977

[1] 42″.3 43″.9 41″.3 42″.5 [2] 35″.3 35″.3 32″.8 33″.5 [3] 24″.5 22″.2 22″.0 22″.8 [4] 18″.5 (½) 20″.9 21″.3 20″.8
[5] 33″.0 30″.9 30″.3 31″.7

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5151	9.3	14h 34m 44s.08	+3s.1832	+0s.0115	− 7° 32′ 10″.1	−15″.653	+0″.297	93.1	51 53 254	7° 3881
5152	8.1	34 47.33	3.1681	0.0110	6 30 38.5	15.650	0.296	93.8 94.3	41 $319^a\delta$ 320	6 4048
5153	8.9	34 56.02	3.1767	0.0112	7 5 21.0	15.642	0.296	93.4	44 255	6 4049
5154	9.1	35 27.03	3.1766	0.0112	7 3 43.1	15.614	0.297	93.4	44 255	6 4050
5155	8.8	35 31.44	3.1827	0.0114	7 28 9.3	15.610	0.298	93.4	51 254	7 3884
5156	9.0	14 35 37.31	+3.2252	+0.0128	−10 17 47.4[1]	−15.604	+0.302	93.6	55 56 250 324	10 3940
5157	*9.0	35 44.12	3.2069	0.0122	9 4 26.9	15.598	0.300	92.7	45* 47 139	8 3813
5158	8.6	36 5.23	3.1795	0.0113	7 13 51.7	15.579	0.298	95.4	322 328	7 3888
5159	8.6	36 19.52	3.2119	0.0124	9 22 51.8	15.565	0.302	93.4	55 253	9 3979
5160	9.2	36 22.54	3.2026	0.0121	8 45 12.5	15.563	0.301	92.9	45 140	8 3816
5161	9.3	14 36 27.61	+3.1881	+0.0116	− 7 47 10.1	−15.558	+0.300	93.4	51 53 322	7 3889
5162	8.8	36 40.15	3.1680	0.0110	6 26 21.2	15.547	0.298	93.9 94.4	49 $319^a\delta$ 320	6 4055
5163	8.6	37 40.65	3.1676	0.0110	6 22 42.0	15.491	0.299	93.4	49 255	6 4057
5164	9.3	37 42.20	3.1912	0.0117	7 56 53.6	15.489	0.302	93.4	53 254	7 3894
5165	8.8	37 48.58	3.2061	0.0122	8 55 6.1	15.483	0.303	92.9 96.0	45 139 426δ	8 3820
5166	8.4	14 37 56.29	+3.2252	+0.0128	−10 9 45.1	−15.476	+0.306	93.9	55 323	9 3983
5167	9.0	38 2.22	3.2028	0.0121	8 42 6.2	15.471	0.304	92.9	47 140	8 3821
5168	6.6	38 3.95	3.2116	0.0123	9 16 25.8	15.469	0.304	95.4	321 328	9 3984
5169	8.6	38 33.56	3.1663	0.0109	6 15 46.2	15.441	0.301	93.4	44 255	6 4060
5170	6.1	38 55.48	3.1903	0.0116	7 49 48.1	15.421	0.304	94.9	254 328	7 3897
5171	*7.8	14 39 0.01	+3.2091	+0.0122	− 9 3 53.1	−15.417	+0.305	92.9 97.6	45* 139 424δ 426δ	8 3825
5172	7.8	39 23.75	3.2127	0.0123	9 16 46.1	15.395	0.307	93.4	56 253	9 3986
5173	8.8	39 39.38	3.2042	0.0121	8 42 33.8	15.380	0.306	92.9	47 140	8 3826
5174	8.7	39 45.78	3.2011	0.0120	8 30 24.5	15.374	0.307	92.9	55 140	8 3827
5175	8.5	39 53.32	3.1701	0.0110	6 28 16.7	15.367	0.303	93.9 94.4	49 $319^a\delta$ 320	6 4066
5176	8.4	14 39 59.34	+3.2057	+0.0121	− 8 47 29.9	−15.361	+0.307	92.9	47 139	8 3829
5177	8.0	39 59.43	3.1747	0.0111	6 46 7.7	15.361	0.304	93.4	49 255	6 4067
5178	*8.9	40 1.65	3.1941	0.0117	8 2 24.9	15.359	0.306	93.4	53 254*	7 3900
5179	7.7	40 3.49	3.1678	0.0109	6 18 48.3	15.358	0.303	93.9 94.4	44 $319^a\delta$ 320	6 4068
5180	9.5	40 5.86	3.1956	0.0118	8 7 47.9	15.355	0.306	93.4	51 254	7 3901
5181	8.9	14 40 25.53	+3.1732	+0.0111	− 6 39 25.4	−15.337	+0.304	93.4	49 255	6 4070
5182	7.4	40 54.54	3.1844	0.0114	7 22 32.4	15.310	0.306	93.9	53 322	7 3903
5183	8.7	41 1.00	3.2262	0.0127	10 4 34.3	15.303	0.311	93.4	56 253	9 3988
5184[2]	*7.8	41 4.29	3.1782	0.0112	6 57 45.3	15.300	0.306	93.8 94.3	41 $319^a\delta$ 320*	6 4071
5185	9.1	41 35.09	3.2186	0.0125	9 33 25.2	15.271	0.311	95.1	256 324 326	9 3990
5186	9.2	14 41 43.89	+3.2154	+0.0124	− 9 20 44.6	−15.263	+0.311	93.4	55 253	9 3991
5187	9.3	41 48.28	3.2180	0.0125	9 30 36.4	15.259	0.311	95.4	323 324 326	9 3993
5188	9.1	41 53.98	3.2046	0.0120	8 38 24.5	15.253	0.310	92.9	45 139	8 3833
5189	9.3	42 19.20	3.2288	0.0128	10 10 28.9	15.230	0.313	93.9	56 323	9 3995
5190	9.1	42 26.30	3.1776	0.0111	6 52 28.5	15.223	0.308	93.4	41 255	6 4075
5191	8.8	14 42 34.67	+3.2276	+0.0127	−10 4 53.5	−15.215	+0.313	94.9	256 327	9 3996
5192	9.1	42 47.98	3.1864	0.0114	7 25 39.2	15.202	0.309	93.4	51 254	7 3906
5193	8.2	43 10.78	3.2069	0.0121	8 44 16.9	15.180	0.312	92.9	45 139	8 3836
5194	8.1	43 22.92	3.1753	0.0111	6 41 23.0	15.169	0.309	93.4	44 255	6 4077
5195[3]	9.3	43 31.40	3.2201	0.0125	9 33 31.1	15.161	0.314	95.4	323 326	9 3999
5196	9.0	14 43 38.24	+3.2203	+0.0125	− 9 34 15.9	−15.154	+0.314	93.4	55 253	9 4000
5197	8.9	43 56.81	3.1954	0.0117	7 57 30.1	15.137	0.312	93.4	51 254	7 3908
5198	6.8	44 4.87	3.1974	0.0117	8 5 16.3	15.129	0.313	93.9 96.7	53 322 425δ	7 3909
5199	7.5	44 25.13	3.2086	0.0121	8 47 13.8[4]	15.109	0.314	92.9 97.6	45 140 423δ 426δ	8 3841
5200	8.6	44 43.02	3.2048	0.0120	8 32 12.6	15.092	0.315	92.9	47 140	8 3843

[1] 47″.6 45″.3(½) 48″.5 47″.3   [2] ZZ. 319^a und 320: Dpl.? med.   [3] Z. 326: Dpl.? med.   [4] 14″.9 12″.2 13″.8 14″.4

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5201	8.7	14h 44m 45s.13	+3s.1728	+0s.0110	−6° 29′ 9″.2	−15″.090	+0″.311	93.9	44 324	6° 4082
5202	8.2	44 45.68	3.1769	0.0111	6 44 56.2	15.090	0.311	93.9 94.4	49 319*δ 320	6 4083
5203	9.0	44 48.34	3.2125	0.0122	9 1 15.4	15.087	0.315	93.9	55 321	8 3845
5204	8.6	44 49.86	3.1691	0.0109	6 14 56.3	15.086	0.310	93.9	49 324	6 4084
5205	8.6	44 56.25	3.1880	0.0114	7 26 59.7	15.079	0.313	93.4	53 254	7 3911
5206	*9.2	14 45 5.28	+3.2267	+0.0126	−9 54 17.7	−15.071	+0.317	93.4	56* 256	9 4005
5207	*8.9	45 19.39	3.2284	0.0126	10 0 5.1	15.057	0.318	94.9	256* 326	9 4008
5208	9.1	45 20.53	3.1789	0.0111	6 51 38.2	15.056	0.313	93.9 94.4	51 319*δ 320	6 4087
5209	[9.0]	45 20.53	3.2282	0.0126	9 59 22.3	15.056	0.318	93.4	56 256	9 4009
5210	8.1	45 22.28	3.1939	0.0116	7 48 41.1	15.054	0.315	95.4	322 328	7 3912
5211	8.4	14 45 30.13	+3.2048	+0.0119	−8 30 12.2	−15.047	+0.316	93.9	45 321	8 3846
5212	8.6	45 52.32	3.2222	0.0124	9 34 59.8	15.026	0.317	95.4	323 327	9 4011
5213	8.8	45 54.42	3.2061	0.0119	8 34 14.6	15.023	0.316	92.9	47 140	8 3847
5214	9.3	45 54.81	3.1739	0.0110	6 31 2.4	15.023	0.313	93.9	49 324	6 4088
5215	8.5	46 4.48	3.2312	0.0127	10 8 10.8	15.014	0.319	93.4	55 253	9 4014
5216	8.8	14 46 30.38	+3.2214	+0.0124	−9 30 9.5	−14.989	+0.318	95.4	323 326	9 4016
5217	8.8	46 33.24	3.1694	0.0109	6 12 45.6	14.986	0.313	93.9 94.4	51 319*δ 320	6 4091
5218	8.5	46 45.22	3.1817	0.0112	6 59 14.1	14.974	0.315	93.4	41 255	6 4093
5219	8.6	46 56.47	3.2223	0.0124	9 32 29.9	14.963	0.319	93.9	56 323	9 4017
5220	8.2	47 31.10	3.1961	0.0116	7 52 28.7	14.930	0.318	93.4	51 254	7 3917
5221	8.0	14 47 32.81	+3.2027	+0.0118	−8 17 11.8	−14.928	+0.318	92.9	45 139	8 3851
5222	8.5	47 53.20	3.1797	0.0111	6 49 40.3	14.908	0.317	93.4	44 255	6 4097
5223	8.2	47 54.41	3.1795	0.0111	6 48 22.6	14.907	0.317	93.1	44 49 255	6 4098
5224	9.3	48 5.01	3.2198	0.0123	9 20 5.5	14.897	0.321	93.7	55 253 256	9 4020
5225	9.4	48 23.97	3.2196	0.0123	9 18 39.0[1]	14.878	0.321	95.4 97.7	323 324 326a 427δ	9 4021
5226	8.6	14 48 25.06	+3.2107	+0.0120	−8 45 7.8	−14.877	+0.320	93.7	47 140 327	8 3854
5227	7.3	48 29.69	3.2096	0.0120	8 40 37.8	14.873	0.321	92.9	47 140	8 3855
5228	7.6	49 8.28	3.1988	0.0117	7 58 51.3	14.835	0.321	93.4	53 254	7 3921
5229	8.3	49 14.55	3.1831	0.0112	6 59 30.5	14.829	0.319	93.8 94.3	41 319*δ 320	6 4101
5230	8.6	49 27.67	3.1951	0.0116	7 44 11.5	14.816	0.320	93.4	51 254	7 3922
5231	9.1	14 49 46.91	+3.2104	+0.0120	−8 40 51.8	−14.797	+0.323	93.9	45 321	8 3858
5232	8.0	49 54.93	3.1818	0.0112	6 53 11.2	14.789	0.320	93.0	41 49 255	6 4102
5233	*8.7	49 55.11	3.1951	0.0116	7 42 53.3[2]	14.789	0.321	94.1 96.1	51 254* 322 425δ	7 3926
5234	7.8	50 3.35	3.2169	0.0121	9 4 5.0	14.781	0.323	93.9	47 323	8 3860
5235	8.0	50 7.59	3.2301	0.0125	9 52 33.4	14.776	0.325	93.4	55 256	9 4029
5236	8.9	14 50 26.16	+3.2103	+0.0120	−8 38 23.1	−14.758	+0.324	93.9	45 321	8 3861
5237	9.2	50 47.07[3]	3.1936	0.0115	7 35 28.8	14.737	0.322	96.7	51 322 426	7 3928
5238	8.5	51 12.26	3.2089	0.0119	8 31 51.0	14.712	0.325	93.9	47 321	8 3863
5239	8.7	51 22.53	3.2246	0.0123	9 29 1.5	14.702	0.326	93.9	55 323	9 4033
5240	8.1	51 52.48	3.1702	0.0108	6 6 31.1	14.673	0.321	93.4	41 255	5 3971
5241	8.3	14 52 25.49	+3.1742	+0.0109	−6 20 19.9	−14.640	+0.323	93.4	49 255	6 4111
5242	9.0	52 51.35	3.2059	0.0118	8 16 38.9	14.614	0.326	92.9 96.0	47 140 425δ	8 3871
5243	8.9	52 51.59	3.2347	0.0125	10 2 6.2	14.614	0.329	95.1	253 324 326	9 4040
5244	8.6	53 3.12	3.2042	0.0118	8 9 47.4[4]	14.602	0.327	93.1 95.4	51 53 254 423δ	7 3931
5245	6.7	53 14.01	3.2067	0.0118	8 19 1.6	14.591	0.327	93.4	47 53 321	8 3875
5246	9.2	14 53 18.31	+3.2071	+0.0118	−8 20 0.5	−14.587	+0.327	93.9	55 321	8 3877
5247	*8.0	53 19.31	3.1695	0.0108	6 1 37.8	14.586	0.323	93.4	41 255*	5 3977
5248	*8.0	53 26.32	3.2123	0.0120	8 39 0.8	14.579	0.328	93.9	45 323*	8 3879
5249	9.1	53 33.27	3.2127	0.0120	8 40 1.3	14.572	0.328	95.4	323 327	8 3881
5250	9.1	53 35.42	3.1840	0.0112	6 54 23.4	14.570	0.325	93.4	49 255	6 4114

[1] 37″.4 39″.1 40″.5 [2] 51″.9 54″.4 54″.2 52″.7 [3] 46s.92 47s.16 47s.14 [4] 47″.3 49″.0 46″.4 46″.9

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5251	9.0	14h 53m 50s.63	+3s.2274	+0s.0123	— 9° 32′ 44″.0	—14″.555	+0″.330	94.9	256 326	9° 4043
5252	9.1	53 58.45	3.2379	0.0126	10 10 42.4	14.547	0.331	94.9	256 327	9 4045
5253	9.0	54 13.72	3.2122	0.0119	8 36 39.3	14.531	0.329	93.9	45 321	8 3882
5254	8.9	54 13.77	3.2262	0.0123	9 27 24.2	14.531	0.330	94.9	253 328	9 4049
5255	9.0	54 15.07	3.2390	0.0126	10 14 2.2	14.530	0.331	95.1	256 323 327	10 4003
5256	8.4	14 55 1.08	+3.2148	+0.0119	— 8 44 14.7	—14.484	+0.331	92.9	47 139	8 3884
5257	9.2	55 10.17	3.2126	0.0118	8 35 54.7	14.475	0.331	93.9	45 321	8 3886
5258	9.1	55 13.05	3.2405	0.0126	10 16 37.4	14.472	0.333	95.4	324 326	10 4010
5259	**5.6**	**55 37.66**	**3.2050**	**0.0116**	**8 7 19.7**	**14.447**	**0.326**		**Fund. Cat.**	**7 3938**
5260	9.4	55 45.94	3.2391	0.0126	10 10 12.5	14.438	0.334	95.4 97.8	323 326 427δ	9 4054
5261	9.0	14 56 17.54	+3.2045	+0.0116	— 8 4 0.4	—14.406	+0.331	93.4	51 254	7 3940
5262	7.2	56 43.59	3.2028	0.0116	7 57 3.0	14.380	0.332	93.4	53 254	7 3943
5263	6.5	56 49.14	3.1901	0.0112	7 10 49.3	14.374	0.330	93.9	41 322	7 3944
5264	6.9	57 10.31	3.1947	0.0113	7 26 45.8	14.353	0.332	94.4	53 322 328	7 3946
5265	9.8	57 12.54	3.1884	0.0111	7 3 52.8	14.351	0.331	94.9	255 328	6 4121
5266	9.3	14 57 21.94	+3.2425	+0.0127	—10 18 1.3	—14.341	+0.337	95.4	323 324 326	10 4016
5267	8.0	57 26.87	3.2375	0.0125	9 59 54.2	14.336	0.336	94.9	253 327	9 4058
5268	9.1	58 15.04	3.2287	0.0122	9 26 26.7	14.287	0.336	93.4	55 253	9 4062
5269	7.7	58 17.19	3.1909	0.0112	7 10 45.7	14.285	0.332	93.0	41 49 255	6 4124
5270	8.8	58 27.30	3.2199	0.0120	8 54 40.2	14.274	0.336	92.9	47 139	8 3897
5271	9.1	14 58 41.35	+3.1731	+0.0107	— 6 5 49.9	—14.260	+0.331	93.4	44 255	5 4000
5272	7.9	58 49.96	3.1797	0.0109	6 29 45.9	14.251	0.332	93.9 94.4	49 319^{a}δ 320	6 4125
5273	9.1	58 57.71	3.2029	0.0115	7 52 37.2	14.243	0.335	93.4	51 254	7 3951
5274	9.2	59 4.51	3.2153	0.0118	8 36 47.6	14.236	0.337	93.9	45 321	8 3900
5275	8.9	59 6.69	3.2353	0.0123	9 47 57.6	14.234	0.339	94.9	256 326	9 4065
5276	7.3	14 59 7.71	+3.1993	+0.0114	— 7 39 21.3	—14.233	+0.335	93.9	53 322	7 3953
5277	8.7	59 28.88	3.1991	0.0114	7 37 58.1	14.211	0.335	93.9	53 322	7 3955
5278	9.0	59 29.57	3.2124	0.0118	8 25 31.7	14.210	0.336	92.9 97.6	47 139 423δ 425δ	8 3901
5279	8.7	59 32.57	3.2307	0.0122	9 30 14.4	14.207	0.338	94.9	256 326	9 4068
5280	9.0	15 0 0.58	3.2429	0.0125	10 12 25.1	14.178	0.340	94.1	55 253 324	10 4026
5281[1]	...	15 0 13.67	+3.1826	+0.0109	— 6 37 28.4	—14.165	+0.334	93.4 96.4	41 255 427δ	6 4130
5282	9.4	0 21.31	3.1756	0.0108	6 12 9.5	14.157	0.334	94.4 94.6	49 319^{a}δ 320 328	6 4131
5283	9.0	0 24.14	3.1798	0.0109	6 27 19.1	14.154	0.335	94.0 94.4	44 255 319^{a}δ 320	6 4132
5284	8.3	0 41.68	3.2254	0.0121	9 8 59.2	14.136	0.339	93.9	47 321	8 3905
5285	9.0	0 47.49	3.2458	0.0126	10 20 24.4	14.130	0.342	94.9	256 326	10 4030
5286	8.8	15 0 52.20	+3.2264	+0.0121	— 9 12 11.6	—14.125	+0.339	93.9	47 321	9 4069
5287	9.1	1 14.59	3.2039	0.0115	7 51 54.2[2]	14.102	0.339	93.1 95.4	51 53 254 424δ	7 3957
5288	8.6	1 37.60	3.2131	0.0118	8 23 8.3	14.078	0.339	93.7 95.9	45 139 327 423δ	8 3906
5289	8.6	1 46.46	3.1764	0.0108	6 13 0.1	14.069	0.336	93.4	41 255	6 4136
5290	8.0	1 47.51	3.2158	0.0118	8 32 34.1	14.068	0.341	92.9	45 139	8 3908
5291	9.5	15 2 11.64	+3.2402	+0.0124	— 9 57 12.4	—14.043	+0.343	93.4	55 256	9 4073
5292	7.9	2 53.17	3.1990	0.0113	7 30 57.5	13.999	0.340	93.4	51 254	7 3963
5293	9.3	2 55.28	3.2319	0.0121	9 26 21.4	13.997	0.343	95.4	323 326	9 4075
5294	8.3	3 37.00	3.1769	0.0108	6 11 38.6	13.953	0.338	93.4	41 255	6 4141
5295[3]	...	3 55.61	3.2056	0.0114	7 51 59.3	13.934	0.342	94.9	254 328	7 3965[M]
5296[4]	9.1	15 3 55.62	+3.2056	+0.0114	— 7 52 1.5	—13.934	+0.342	95.4	324 328	7 3965[A]
5297	8.8	4 11.79	3.2193	0.0118	8 39 40.4	13.917	0.344	92.7	45 47 139	8 3913
5298	8.1	4 15.64	3.1993	0.0113	7 29 22.3	13.913	0.342	93.9	51 322	7 3968
5299	9.4	4 18.73	3.2056	0.0114	7 51 32.4	13.910	0.343	93.9	53 322	7 3969
5300	9.1	4 36.71	3.2011	0.0113	7 34 58.3	13.891	0.342	93.9	51 324	7 3971

[1] Z. 41: 7m.8 Dpl.?; Z. 255: Dpl. med., Z. 427: Dpl.? med. [2] 54″.3 56″.1 53″.2 53″.4
[3] Dpl. med., Z. 254: 9m.0 9m.2 [4] Dpl. maj.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5301	8.2	15^h 4^m $37^s.87$	$+3^s.1798$	$+0^s.0108$	− 6° 20′ 10″.7	−13″.890	+0″.340	93.4	44 255	6° 4146
5302	8.9	4 54.14	3.2024	0.0114	7 38 51.2	13.872	0.343	93.9	53 322	7 3972
5303	9.3	4 57.76	3.2344	0.0121	9 30 19.2	13.869	0.346	94.9	256 326	9 4080
5304	8.2	5 21.76	3.1943	0.0111	7 9 56.3	13.843	0.343	93.4	49 255	6 4147
5305	9.1	5 53.79	3.2387	0.0122	9 43 10.2	13.809	0.348	95.1	253 324 327	9 4081
5306	8.5	15 6 16.43	+3.2462	+0.0124	−10 7 46.7	−13.786	+0.349	95.4	321 327	9 4082
5307	9.4	6 21.88	3.2348	0.0121	9 28 21.5	13.780	0.349	95.4	323 326	9 4083
5308	9.1	6 28.93	3.2354	0.0121	9 30 14.7	13.772	0.349	94.9	256 326	9 4085
5309	7.9	6 29.37	3.2172	0.0117	8 27 44.6	13.772	0.347	92.6	45 47 55 139	8 3918
5310	8.4	6 38.48	3.2036	0.0113	7 39 54.5	13.762	0.345	93.4	51 254	7 3974
5311	8.7	15 6 55.00	+3.1820	+0.0108	− 6 24 34.0	−13.745	+0.344	93.1	44 49 255	6 4154
5312	9.0	7 5.28	3.1799	0.0107	6 16 59.0	13.734	0.344	93.0	41 44 255	6 4155
5313	8.9	7 22.82	3.2051	0.0114	7 43 55.3	13.715	0.346	93.4	53 254	7 3978
5314	8.6	7 40.40	3.2353	0.0120	9 27 7.0[1]	13.696	0.351	93.4 97.9	60 253 423δ 427δ	9 4090
5315	8.9	7 49.18	3.2441	0.0122	9 56 57.5[2]	13.687	0.352	95.1 96.9	256 324 326 425δ	9 4092
5316	9.0	15 8 22.93	+3.2145	+0.0115	− 8 14 29.8	−13.651	+0.349	92.7	45 55 139	8 3922
5317	*9.0	8 27.00	3.2133	0.0115	8 10 5.8	13.647	0.349	94.9	45* 51 55 424	7 3981
5318	[7.4]	8 33.20	3.2300	0.0118	9 7 5.5	13.640	0.351	94.1	47 258 327	8 3923
5319	8.9	8 42.16[3]	3.2173	0.0116	8 23 36.4	13.630	0.350	97.7 95.4	321 327 426α	8 3924
5320	*8.8	8 42.90	3.2050	0.0113	7 40 58.9	13.630	0.348	93.4	53* 254	7 3982
5321	9.1	15 8 45.09	+3.2139	+0.0115	− 8 11 23.2	−13.627	+0.349	92.9	45 139	8 3925
5322	8.9	8 59.00	3.2189	0.0116	8 28 14.7	13.612	0.350	93.9	47 321	8 3927
5323	8.4	9 12.14	3.2080	0.0113	7 50 23.7	13.598	0.350	93.4	53 254	7 3985
5324	8.4	9 22.44	3.1951	0.0110	7 6 3.0[4]	13.587	0.348	93.4 96.4	41 255 427δ	6 4160
5325	9.3	9 43.42	3.2409	0.0121	9 41 31.1	13.565	0.354	95.4	323 324 326	9 4097
5326	9.2	15 9 49.29	+3.2499	+0.0123	−10 11 49.0	−13.558	+0.355	93.4	60 256	10 4061
5327	9.1	10 4.35	3.2018	0.0112	7 27 30.6[5]	13.542	0.350	93.4 96.4	51 254 425δ	7 3987
5328	8.9	10 16.16	3.1901	0.0109	6 47 9.9	13.530	0.349	93.4	44 255	6 4162
5329	9.0	10 17.31	3.2522	0.0124	10 18 26.4	13.528	0.356	93.4 96.4	60 256 426δ	10 4065
5330	9.0	10 26.27	3.1770	0.0106	6 1 41.9	13.519	0.348	93.9 94.4	49 319[a]δ 320	5 4039
5331	8.4	15 10 40.41	+3.2510	+0.0123	−10 13 39.8	−13.503	+0.356	94.9	253 327	10 4067
5332	8.2	10 45.45	3.1830	0.0107	6 21 58.0	13.498	0.349	93.4	44 255	6 4164
5333	8.6	11 4.95	3.2451	0.0122	9 52 34.3	13.477	0.357	95.4	323 327	9 4104
5334	8.6	11 8.91	3.2482	0.0122	10 3 3.5	13.473	0.357	95.4	323 326	9 4105
5335	8.8	11 11.63	3.1920	0.0109	6 52 1.6	13.470	0.351	93.9 94.4	49 319[a]δ 320	6 4167
5336	8.4	15 11 13.98	+3.2266	+0.0117	− 8 50 5.9	−13.467	+0.355	93.9	55 321	8 3934
5337	8.8	11 22.56	3.2499	0.0123	10 8 12.7	13.458	0.357	94.9	256 326	9 4108
5338	9.2	11 28.36	3.2338	0.0119	9 13 45.1	13.452	0.355	95.4	323 327	9 4109
5339[6]	*7.7	11 32.16	3.2105	0.0114	7 54 38.1	13.448	0.353	93.4	53* 257	7 3992
5340	**2.0**	**11 37.45**	**3.2301**	**0.0118**	**9 0 50.5**	**13.442**	**0.353**		**Fund. Cat.**	**8 3935**
5341	7.5	15 11 52.68	+3.2032	+0.0112	− 7 29 21.2	−13.425	+0.353	93.4	51 257	7 3994
5342	8.9	11 54.48	3.2168	0.0115	8 15 27.2	13.423	0.354	93.9	45 321	8 3937
5343	7.5	12 6.80	3.2504	0.0123	10 7 57.6	13.410	0.358	94.9	256 326	9 4112
5344	8.5	12 12.82	3.1972	0.0111	7 8 25.4	13.404	0.352	93.4	41 255	6 4170
5345	8.6	13 7.08	3.2382	0.0119	9 25 6.1	13.345	0.358	93.9	60 323	9 4116
5346	9.3	15 13 10.53	+3.1962	+0.0109	− 7 3 13.2	−13.341	+0.353	93.4	41 255	6 4171
5347	7.3	13 13.52	3.2136	0.0113	8 1 53.5	13.338	0.356	93.4	53 257	7 3999
5348	8.5	13 14.74	3.2467	0.0121	9 53 7.0	13.336	0.360	94.9	256 326	9 4118
5349	*8.5	13 37.75	3.2050	0.0111	7 32 21.8	13.311	0.355	93.4	51* 257	7 4001
5350	8.9	13 40.31	3.1927	0.0108	6 50 45.6[7]	13.308	0.354	93.4 93.9	44 49 319[a]δ 320	6 4173[I]

[1] 8″.2 5″.0 7″.0 7″.6 [2] 56″.7 56″.9 59″.2 57″.4 [3] 42s.27 42s.06 42s.15 [4] 1″.3 3″.4 4″.3 [5] 32″.3 29″.8 29″.6
[6] Z. 53: Dpl. maj. [7] 47″.0 44″.4 45″.1 46″.1

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5351	9.2	15^h 13^m 40.71	+3.1927	+0.0108	−6° 50′ 43.8	−13.308	+0.354	98.9 97.7	319^{a}δ 320 426	6° 4173^{II}
5352	9.1	13 44.40	3.2314	0.0117	9 0 57.6	13.304	0.358	93.4	55 258	8 3945
5353	9.1	13 53.58	3.2341	0.0118	9 9 31.7	13.294	0.358	93.9	55 321	8 3946
5354	7.3	13 58.32	3.2274	0.0116	8 46 51.6	13.289	0.359	93.9 96.7	57 321 427δ	8 3947
5355	9.0	14 31.33	3.1803	0.0105	6 7 13.3	13.253	0.353	93.4 96.4	44 255 425δ	5 4053
5356	7.8	15 14 36.88	+3.2190	+0.0114	−8 17 35.6	−13.247	+0.358	94.1	45 258 322	8 3949
5357	9.0	14 37.40	3.2187	0.0114	8 16 14.7	13.246	0.358	93.9	45 322	8 3950
5358	9.2	15 9.30	3.2384	0.0118	9 21 21.0	13.211	0.361	93.4	60 256	9 4126
5359	9.1	15 9.63	3.2090	0.0112	7 42 58.3	13.211	0.357	94.1	53 257 328	7 4004
5360	9.0	15 17.82	3.1968	0.0109	7 1 53.5	13.202	0.356	93.9 94.4	49 319^{a}δ 320	6 4177
5361	7.6	15 15 50.33	+3.1831	+0.0106	−6 15 8.2	−13.166	+0.356	93.4	41 255	6 4181
5362	7.8	15 52.96	3.2225	0.0115	8 26 52.5[1]	13.163	0.360	93.4 95.6	55 57 321 423δ	8 3953
5363	9.0	15 59.74	3.2038	0.0111	7 24 2.4	13.156	0.358	94.1	51 254 328	7 4005
5364	7.3	16 14.65	3.1872	0.0107	6 27 57.3	13.139	0.357	93.9 94.4	44 319^{a}δ 320	6 4183
5365	8.2	16 17.46	3.2200	0.0114	8 17 49.1	13.136	0.361	93.4	45 258	8 3956
5366	9.4	15 16 29.43	+3.2379	+0.0118	−9 16 58.3	−13.123	+0.363	93.9	60 323	9 4129
5367	9.0	16 46.04	3.2129	0.0113	7 53 18.7	13.105	0.360	93.1	53 58 254	7 4007
5368	8.8	17 6.47	3.1962	0.0109	6 56 53.0	13.082	0.359	93.4 99.0	49 255a 424δ 425δ	6 4189
5369	7.9	17 10.83	3.2568	0.0122	10 17 50.1	13.077	0.366	94.9	256 326	10 4088
5370	9.4	17 15.16	3.2444	0.0118	9 36 33.9	13.072	0.364	94.9	256 326	9 4131
5371	8.4	15 17 30.35	+3.2292	+0.0115	−8 46 4.9	−13.056	+0.364	93.4	55 258	8 3962
5372	8.6	17 33.40	3.2166	0.0112	8 4 21.3	13.052	0.362	93.1	51 53 254	7 4012
5373	8.9	17 38.33	3.2246	0.0114	8 30 41.2	13.047	0.363	93.4	57 258	8 3963
5374	7.9	17 45.23	3.2541	0.0121	10 7 32.3	13.039	0.366	95.4	323 327	9 4133
5375	7.4	18 7.13	3.1841	0.0105	6 15 1.4	13.015	0.359	93.8 94.3	41 319^{a}δ 320	6 4193
5376	9.2	15 18 13.64	+3.2425	+0.0118	−9 28 23.8	−13.008	+0.366	95.4	324 326	9 4135
5377	9.2	18 17.63	3.2542	0.0120	10 6 35.5	13.003	0.367	95.4	323 327	9 4136
5378	9.2	18 32.07	3.2119	0.0111	7 46 40.3	12.987	0.363	95.4	322 328	7 4014
5379	[5.0]	18 46.59	3.2518	0.0120	9 57 45.5	12.971	0.367	95.4	323 327	9 4138
5380	8.2	18 52.68	3.2184	0.0113	8 7 44.0	12.964	0.363	93.9	51 322	7 4015
5381	9.2	15 19 2.23	+3.2395	+0.0117	−9 16 54.8	−12.954	+0.367	94.9 98.7	256 327 423δ 427δ	9 4139
5382	9.1	19 20.43	3.2448	0.0118	9 33 31.6	12.933	0.367	95.4	324 326	9 4140
5383	9.1	19 36.85	3.2162	0.0112	7 59 20.1	12.915	0.364	93.1	51 53 257	7 4018
5384	8.8	19 37.62	3.2351	0.0116	9 1 24.2	12.914	0.366	93.1	45 57 258	8 3968
5385	9.2	19 40.19	3.2527	0.0120	9 58 35.9	12.911	0.369	95.4	323 328	9 4141
5386	9.0	15 20 29.17[2]	+3.1968	+0.0108	−6 54 1.6	−12.857	+0.364	94.4	44 255 324 328	6 4199
5387	9.2	21 2.72	3.2170	0.0112	7 59 20.3	12.819	0.366	93.1	51 53 254	7 4022
5388	9.3	21 6.62	3.2470	0.0118	9 37 13.1	12.815	0.369	93.4	60 256	9 4144
5389	9.0	21 22.79	3.1954	0.0107	6 47 54.2	12.797	0.365	93.8 94.3	41 319^{a}δ 320	6 4204
5390	9.0	21 32.26	3.2323	0.0115	8 48 47.7	12.786	0.369	93.4	57 258	8 3972
5391	*9.0	15 21 36.87	+3.2140	+0.0111	−7 48 46.5	−12.781	+0.367	93.4	53* 257	7 4024
5392	9.1	21 39.60	3.1939	0.0107	6 42 28.6	12.778	0.364	93.9 94.4	44 319^{a}δ 320	6 4206
5393	*9.1	21 57.80	3.2139	0.0110	7 47 37.2	12.757	0.368	93.4	53* 257	7 4028
5394	9.0	22 5.83	3.2389	0.0116	9 8 41.3	12.748	0.370	93.9	57 321	8 3977
5395	7.8	22 15.59	3.2289	0.0113	8 35 58.7	12.737	0.369	93.4	55 258	8 3979
5396	9.1	15 22 18.17	+3.2481	+0.0118	−9 38 19.1	−12.734	+0.371	93.4 96.4	60 256 427δ	9 4147
5397	*7.2	22 44.80	3.2363	0.0115	8 59 24.1[3]	12.704	0.371	93.8	57* 143 327	8 3981
5398	9.3	22 45.54	3.1993	0.0107	6 58 49.2	12.703	0.367	92.9	49 144	6 4210
5399	8.4	22 47.24	3.2121	0.0110	7 40 14.3	12.701	0.368	93.4	58 257	7 4030
5400	*8.1	22 47.38	3.2366	0.0115	9 0 1.2	12.701	0.371	92.9	57* 143	8 3983

[1] 53.7 53.8 51.1 51.3 [2] 29.10 29.32 29.14 29.11 [3] 22.3(½) 24.1 25.1

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5401	7.9	$15^h\ 22^m\ 54^s.97$	$+3^s.1831$	$+0^s.0103$	−6° 5′ 19″.2	−12″.693	+0″.365	93.8 94.3	41 $319^a\delta$ 320	5° 4081
5402	8.2	23 4.09	3.2332	0.0114	8 48 46.9	12.682	0.371	95.0	258 327	8 3985
5403	7.7	23 15.81	3.2258	0.0113	8 24 2.8	12.669	0.370	93.4	55 258	8 3986
5404	9.5	23 30.98	3.2418	0.0116	9 15 27.9	12.652	0.373	95.4	323 324 326	9 4150
5405	8.8	23 35.20	3.1871	0.0104	6 17 34.0	12.647	0.367	92.9	49 144	6 4215
5406	8.5	15 23 50.02	+3.1934	+0.0106	−6 38 1.0	−12.630	+0.367	93.4 93.9	49 51 $319^a\delta$ 320	6 4216
5407	8.5	23 50.31	3.2075	0.0109	7 23 54.6	12.630	0.369	94.1	53 257 328	7 4034
5408	9.3	23 56.70	3.2222	0.0112	8 11 9.6	12.623	0.370	94.5	143 327	8 3987
5409	8.8	24 32.61	3.2508	0.0118	9 42 40.9	12.582	0.374	93.4	60 256	9 4153
5410	7.2	24 45.31	3.1914	0.0105	6 30 4.3	12.568	0.368	92.9	41 144	6 4219
5411	8.6	15 24 53.16	+3.2138	+0.0110	−7 42 36.0	−12.559	+0.370	93.4	58 257	7 4037
5412	9.0	24 54.98	3.2417	0.0116	9 12 27.5	12.557	0.373	95.1	256 324 326	9 4155
5413	9.1	25 1.10	3.2561	0.0118	9 58 50.9	12.550	0.376	93.9	60 323	9 4157
5414	*8.5	25 9.64	3.1874	0.0104	6 16 24.4	12.540	0.369	93.9 94.4	44 $319^a\delta$ 320*	6 4221
5415	8.8	25 13.32	3.2034	0.0107	7 8 18.5	12.536	0.370	93.9 94.4	49 $319^a\delta$ 320	6 4222
5416	9.0	15 25 23.76	+3.2562	+0.0118	−9 58 6.5	−12.524	+0.376	93.9	60 321	9 4159
5417	9.1	25 29.03	3.2086	0.0108	7 24 57.5	12.518	0.371	94.4	53 322 328	7 4039
5418	8.9	25 45.34	3.1834	0.0103	6 2 35.0	12.499	0.368	92.9	51 144	5 4090
5419	9.1	26 12.47	3.1831	0.0103	6 0 55.7	12.468	0.369	92.9	49 144	5 4092
5420	8.1	26 30.90	3.1979	0.0106	6 48 44.0[1]	12.447	0.371	93.8 96.4	41 $319^a\delta$ 320 425δ	6 4224
5421	8.9	15 26 33.76	+3.2219	+0.0110	−8 5 44.7	−12.444	+0.374	93.4	58 257	7 4044
5422	8.7	26 43.37	3.2002	0.0106	6 55 57.7	12.433	0.372	93.9	44 322	6 4227
5423	8.9	26 43.48	3.2330	0.0113	8 41 21.4	12.433	0.375	92.9	45 143	8 3998
5424	9.1	26 44.68	3.2578	0.0118	10 0 28.2	12.432	0.378	94.9 97.4	256 326 427δ	9 4162
5425	*6.9	26 51.23	3.2596	0.0118	10 5 51.3	12.424	0.378	95.4	323* 326	9 4163
5426	7.9	15 26 52.81	+3.2435	+0.0115	−9 14 46.2	−12.422	+0.376	95.4	324 327	9 4164
5427	9.1	26 54.85	3.2531	0.0117	9 45 7.3	12.420	0.378	95.4	323 327	9 4165
5428	9.1	27 37.18	3.2359	0.0113	8 49 5.8	12.371	0.377	92.9	55 143	8 4003
5429	8.1	27 42.90	3.2539	0.0117	9 46 19.5	12.365	0.379	95.4	323 326	9 4167
5430	7.9	27 44.41	3.2158	0.0109	7 44 36.9	12.362	0.374	93.4	53 257	7 4047
5431	9.1	15 28 7.97	+3.1868	+0.0103	−6 10 36.4	−12.336	+0.372	93.9 94.4	51 $319^a\delta$ 320	6 4232
5432	8.7	28 18.84	3.1996	0.0105	6 51 46.3	12.324	0.374	93.4	41 49 322	6 4234
5433	8.5	28 21.02	3.2416	0.0113	9 5 49.7	12.321	0.378	93.9	57 321	8 4007
5434	9.1	28 25.79	3.2239	0.0110	8 9 14.6	12.316	0.376	95.4	322 327	8 4008
5435	**5.0**	**28 42.66**	**3.2536**	**0.0118**	**9 43 18.7**	**12.296**	**0.379**		**Fund. Cat.**	**9 4171**
5436	9.2	15 28 44.52	+3.1871	+0.0103	−6 11 6.4	−12.294	+0.372	94.5	144 328	6 4235
5437	*8.0	29 2.41	3.2373	0.0112	8 50 49.0	12.273	0.379	93.9 96.7	57 321* 423δ	8 4010
5438	9.1	29 7.94	3.1942	0.0104	6 33 8.9	12.267	0.374	93.9 94.4	44 $319^a\delta$ 320	6 4237
5439	8.2	29 21.18	3.2173	0.0108	7 46 48.4	12.252	0.377	93.4	58 257	7 4054
5440[2]	9.0	29 30.93	3.2631	0.0118	10 11 26.5	12.241	0.381	94.9	256 326	10 4125
5441	8.7	15 29 34.28	+3.2493	+0.0115	−9 28 2.1	−12.237	+0.380	95.4	323 327	9 4173
5442	8.0	29 36.13	3.2174	0.0108	7 46 48.7	12.235	0.377	93.4	58 257	7 4055
5443	9.4	29 54.08	3.2601	0.0117	10 1 33.1	12.214	0.382	95.4	323 326	9 4174
5444	8.6	30 26.53	3.2341	0.0112	8 38 23.4	12.176	0.380	92.9	57 143	8 4018
5445	7.9	30 42.54	3.2089	0.0106	7 17 58.3	12.158	0.378	94.5	142 328	7 4056
5446	8.8	15 30 54.26	+3.2107	+0.0107	−7 23 5.7	−12.144	+0.378	95.0	257 328	7 4058
5447	7.7	30 54.42	3.1856	0.0102	6 3 4.5	12.144	0.375	92.9	41 144	5 4112
5448	9.0	30 55.74	3.2011	0.0105	6 52 47.1[3]	12.142	0.377	93.9 96.4	44 $319^a\delta$ 320 427δ	6 4243
5449	9.3	30 59.87	3.2313	0.0111	8 28 39.5	12.138	0.380	93.4	57 258	8 4021
5450	8.2	31 1.31	3.2140	0.0107	7 33 49.6	12.136	0.378	95.0	257 329	7 4059

[1] 41″.3(½) 43″.9 44″.3 45″.0 [2] Z. 326: Dpl.? maj., com. $9^m.5$ [3] 45″.5 47″.2 47″.8 48″.0

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5451	8.5	15^{h} 31^{m} $29^{s}.79$	$+3^{s}.2269$	$+0^{s}.0110$	$-8°$ 14′ $1''.5$	$-12''.103$	$+0''.380$	94.5	143 327	8° 4023
5452	9.1	31 32.86	3.1889	0.0103	6 13 22.1	12.099	0.376	92.9	41 144	6 4247
5453	9.0	31 33.68	3.2635	0.0117	10 8 39.1	12.098	0.384	93.4	60 256	9 4180
5454	•8.2	31 33.90	3.2121	0.0107	7 26 55.5	12.098	0.379	94.5	142 328•	7 4062
5455	9.0	31 36.94	3.2198	0.0108	7 51 12.6	12.095	0.380	93.9	58 322	7 4064
5456	9.2	15 31 51.68	+3.2663	+0.0117	−10 16 58.0	−12.077	+0.385	93.4	60 256	10 4132
5457	9.1	31 59.30	3.2403	0.0112	8 55 18.1	12.068	0.383	95.0	258 326	8 4025
5458	9.2	32 6.21	3.2087	0.0105	7 15 10.4	12.060	0.380	95.0	257 328	7 4065
5459	8.3	32 13.63	3.2364	0.0111	8 42 54.1	12.052	0.382	92.9	57 143	8 4027
5460	8.0	32 43.81	3.2107	0.0105	7 20 45.0	12.017	0.380	92.9	58 142	7 4069
5461	9.1	15 32 51.18	+3.2470	+0.0113	− 9 14 44.7	−12.008	+0.384	95.4	323 326	9 4185
5462	8.8	32 56.10	3.2314	0.0110	8 25 30.8	12.002	0.383	95.0	258 327	8 4030
5463	7.0	33 15.99	3.2323	0.0110	8 27 59.8	11.979	0.383	95.0	258 327	8 4032
5464	7.3	33 16.12	3.2322	0.0110	8 27 48.1	11.979	0.383	94.5	143 327	8 4031
5465	8.1	33 26.86	3.1853	0.0101	5 59 23.9	11.966	0.378	93.9 94.4	44 319[a]δ 320	5 4128
5466	9.3	15 33 30.71	+3.2009	+0.0103	− 6 48 41.0[1]	−11.962	+0.380	92.9 96.1	49 144 426δ	6 4253
5467[2]	...	33 43.18	3.2282	0.0109	8 14 14.8	11.947	0.383	95.4 97.7	321 326 423δ	8 4036
5468	8.7	34 6.52	3.2480	0.0112	9 15 35.2	11.920	0.386	93.4 96.4	60 256 425δ	9 4192
5469	8.6	34 9.84	3.2363	0.0110	8 39 12.6	11.916	0.384	93.9 98.1	57 321 424δ 427δ	8 4039
5470	8.3	34 18.59	3.2487	0.0112	9 17 36.6	11.906	0.387	93.4	60 256	9 4194
5471	8.8	15 34 45.81	+3.2360	+0.0110	− 8 37 2.6	−11.874	+0.385	92.9	57 144	8 4044
5472	8.9	35 8.83	3.2048	0.0103	6 58 38.3	11.847	0.382	92.9	41 142	6 4258
5473	7.7	35 12.55	3.2393	0.0110	8 46 56.0	11.842	0.386	94.4	143 326	8 4046
5474	8.1	35 31.15	3.2374	0.0110	8 40 18.8	11.820	0.386	93.4	57 258	8 4049
5475	8.2	35 36.55	3.2326	0.0109	8 25 9.6	11.814	0.386	95.0	258 327	8 4050
5476	8.9	15 35 39.86	+3.2053	+0.0103	− 6 59 43.9	−11.810	+0.383	92.9	41 144	6 4259
5477	8.4	36 24.04	3.2311	0.0108	8 19 28.6	11.758	0.387	94.5	143 327	8 4052
5478	7.3	36 26.02	3.1889	0.0100	6 7 23.4	11.756	0.382	93.9 94.4	44 319[a]δ 320	5 4143
5479	7.9	36 52.74	3.2173	0.0105	7 35 38.6	11.724	0.385	92.9	58 142	7 4082
5480	8.0	36 57.16	3.2124	0.0104	7 20 23.8	11.719	0.385	94.5	144 328	7 4083
5481	9.1	15 37 1.65	+3.2180	+0.0106	− 7 37 37.0	−11.713	+0.385	92.9	58 142	7 4084
5482	9.3	37 17.90[3]	3.2642	0.0114	10 0 1.9[4]	11.694	0.391	94.4 96.4	60 323 329 423δ	9 4210
5483	9.1	37 39.08	3.2091	0.0104	7 9 7.7	11.669	0.385	95.0	257 328	7 4086
5484	8.9	37 42.83	3.2551	0.0112	9 31 15.7	11.665	0.391	95.4	321 326	9 4211
5485	8.6	37 46.38	3.2413	0.0109	8 48 47.2	11.660	0.389	92.9	57 143	8 4058
5486	8.8	15 37 59.98	+3.2222	+0.0106	− 7 49 24.3	−11.644	+0.388	94.5	142 328	7 4088
5487	7.8	38 6.46	3.2610	0.0113	9 48 28.8	11.637	0.393	95.4	323 326	9 4213
5488	7.6	38 19.98	3.2453	0.0110	8 59 52.2	11.620	0.391	93.4	57 258	8 4060
5489	9.0	38 40.21	3.1945	0.0100	6 22 10.1	11.597	0.385	92.9 96.1	41 144 427δ	6 4268
5490	8.8	38 51.06	3.2569	0.0111	9 34 52.1[5]	11.584	0.393	95.4 97.7	321 326 423δ	9 4216
5491	8.7	15 39 5.95	+3.2441	+0.0109	− 8 55 2.7	−11.566	+0.392	95.0	258 327	8 4065
5492	8.7	39 49.55	3.2167	0.0104	7 29 46.0	11.515	0.389	92.9	58 142	7 4094
5493	9.0	39 50.60	3.2049	0.0102	6 53 12.0	11.513	0.388	92.9	41 144	6 4269
5494	8.3	40 22.66	3.2541	0.0111	9 23 30.9	11.474	0.394	92.9	57 141	9 4224
5495	9.1	40 28.35	3.2409	0.0108	8 43 20.1	11.467	0.393	94.4 96.4	143 259 321 424δ	8 4069
5496	8.9	15 40 52.28	+3.2594	+0.0112	− 9 38 55.7	−11.439	+0.395	94.9	256 326	9 4227
5497	9.0	41 4.10	3.2364	0.0107	8 28 34.4	11.425	0.392	95.0	258 327	8 4072
5498	8.4	41 7.31	3.2251	0.0106	7 53 46.9	11.421	0.391	92.9	58 142	7 4097
5499	9.0	41 9.34	3.2344	0.0107	8 22 4.6	11.418	0.392	95.4 94.8	143δ 321 327	8 4073
5500	7.8	41 10.01	3.2630	0.0112	9 49 17.6	11.418	0.396	95.4	323 326	9 4228

[1] $42''.1$ $39''.4$ $41''.4$ [2] Dpl. med. ($8^{m}.6$ $8^{m}.6$) [3] $17^{s}.78$ $17^{s}.90$ $18^{s}.02$ [4] $3''.3$ $0''.6$ $2''.5$ $1''.4$ [5] $50''.7$ $53''.3$ $52''.4$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5501	9.1	15^{h} 41^{m} $29^{s}.92$	$+3^{s}.2493$	$+0^{s}.0108$	$-9°$ $7'$ $24''.7$	$-11''.394$	$+0''.395$	94.5	258 259	8° 4075
5502	8.6	41 41.66	3.2108	0.0102	7 8 57.8	11.380	0.390	93.4	44 257	7 4100
5503	7.7	41 52.01	3.2302	0.0105	8 8 32.2	11.367	0.392	93.4	58 257	7 4101
5504	7.8	41 55.19	3.2667	0.0112	9 59 9.1	11.363	0.397	92.9	60 141	9 4230
5505	8.9	41 55.82	3.2395	0.0107	8 36 25.5	11.363	0.394	95.4	323 327	8 4079
5506	9.3	15 41 58.06	+3.2094	+0.0101	−7 4 17.9	−11.360	+0.390	92.9	44 144	6 4280
5507	7.2	42 13.01	3.2507	0.0109	9 10 18.1	11.342	0.396	94.9	256 326	9 4233
5508	8.9	42 21.65	3.2193	0.0103	7 34 9.2	11.332	0.392	94.5	142 328	7 4103
5509	9.2	43 3.35	3.2042	0.0100	6 47 18.5	11.281	0.391	93.8 94.3	41 319^{a}δ 320	6 4281
5510	8.8	43 18.37	3.2161	0.0103	7 23 28.6	11.263	0.393	94.1	58 257 329	7 4108
5511	9.2	15 43 32.29	+3.2215	+0.0104	−7 39 28.4	−11.246	+0.393	95.0	257 328	7 4110
5512	8.7	43 36.14	3.2621	0.0111	9 42 31.2	11.242	0.398	92.9	60 141	9 4237
5513	9.1	43 38.52	3.2210	0.0103	7 37 28.9	11.239	0.393	94.5	142 328	7 4111
5514	8.3	43 41.00	3.2469	0.0108	8 56 40.5	11.236	0.397	94.5	258 259	8 4084
5515	9.1	44 10.11	3.2264	0.0104	7 53 24.1[1]	11.201	0.395	95.4 98.9	322 328 424δ 425δ	7 4112
5516	8.9	15 44 28.14	+3.2320	+0.0104	−8 9 52.5	−11.179	+0.395	94.5	258 259	8 4088
5517	8.4	44 41.97	3.2511	0.0108	9 7 27.1	11.162	0.399	95.4	321 327	8 4089
5518	9.1	44 48.49	3.2646	0.0110	9 47 55.4	11.154	0.400	93.9	60 323	9 4243
5519	9.0	45 27.04	3.2086	0.0100	6 57 32.7	11.108	0.394	93.9 94.4	44 319^{a}δ 320	6 4288
5520[2]	...	45 30.10	3.2436	0.0106	8 43 23.5	11.104	0.399	93.4	57 258	8 4092
5521	8.7	15 45 37.81	+3.1903	+0.0097	−6 1 32.2	−11.094	+0.392	92.9	41 144	5 4178
5522	8.5	45 52.37	3.2501	0.0107	9 2 43.2	11.077	0.400	94.0	143 259	8 4094
5523	7.3	46 26.85	3.2245	0.0102	7 44 33.2	11.035	0.397	92.9	58 142	7 4118
5524	8.3	46 29.49	3.2314	0.0103	8 5 27.2	11.032	0.398	95.0	257 328	7 4119
5525	8.6	46 30.94	3.2530	0.0107	9 10 14.7	11.030	0.401	92.9 97.6	60 141 423δ 425δ	9 4249
5526	9.1	15 46 35.95	+3.2669	+0.0109	−9 51 41.5	−11.024	+0.403	94.9	260 323	9 4250
5527	8.9	46 52.99	3.2140	0.0101	7 12 4.3	11.003	0.396	94.5	142 328	7 4122
5528	9.2	47 1.94	3.2282	0.0103	7 55 7.4	10.992	0.398	95.0	257 329	7 4123
5529	8.7	47 40.40	3.2600	0.0108	9 29 39.7	10.945	0.403	94.4	141 326	9 4254
5530	8.5	47 49.64	3.2174	0.0101	7 21 23.9	10.934	0.398	92.9	58 144	7 4128
5531	8.9	15 47 56.59	+3.2364	+0.0104	−8 18 24.6	−10.925	+0.401	93.8	57 143 327	8 4100
5532	8.9	48 10.99	3.2757	0.0111	10 15 30.8	10.908	0.406	93.9	60 323	10 4191
5533	8.3	48 11.32	3.2139	0.0100	7 10 20.7	10.907	0.398	94.5	142 328	7 4130
5534	7.8	48 24.66	3.2301	0.0103	7 58 56.0	10.891	0.400	95.0	257 328	7 4131
5535	8.6	48 51.36	3.2242	0.0101	7 40 42.5	10.858	0.400	94.8	144 328 329	7 4132
5536	8.5	15 48 56.32	+3.2364	+0.0103	−8 17 2.4	−10.852	+0.402	92.9	57 143	8 4104
5537	9.1	49 15.30	3.2145	0.0100	7 10 58.5	10.829	0.399	92.9	58 142	7 4134
5538	9.2	49 45.28	3.2118	0.0099	7 2 6.4	10.792	0.399	93.7 94.3	41 144a 319^{a}δ 320	6 4306
5539	9.1	50 6.51	3.2428	0.0104	8 34 33.4	10.766	0.404	94.8	258 259 327	8 4105
5540	7.1	50 17.84	3.2384	0.0103	8 21 10.8	10.752	0.403	92.9 96.1	57 143 427δ	8 4106
5541	9.0	15 50 22.52	+3.2106	+0.0099	−6 57 52.4	−10.746	+0.399	93.9 94.4	44 319^{a}δ 320	6 4312
5542	8.8	50 33.36	3.2083	0.0099	6 50 48.1	10.733	0.400	93.9 94.4	44 319^{a}δ 320	6 4313
5543	8.4	50 45.97	3.2604	0.0107	9 25 51.8	10.717	0.407	92.9 96.1	60 141 425δ	9 4260
5544	9.1	51 12.02	3.2439	0.0104	8 36 23.9	10.685	0.405	94.0	143 259	8 4109
5545	9.0	51 17.35	3.2676	0.0107	9 46 15.2	10.679	0.409	94.1	62 256 323	9 4262
5546	8.7	15 51 41.35	+3.2054	+0.0097	−6 40 50.3	−10.649	+0.400	92.9	48 144	6 4316
5547	8.1	51 46.88	3.2025	0.0097	6 32 16.1	10.642	0.400	93.9	48 322	6 4317
5548	7.3	51 48.93	3.1919	0.0095	6 0 23.4	10.640	0.399	95.4	320 328	5 4199
5549	8.9	51 49.21	3.2521	0.0104	8 59 42.3	10.639	0.407	94.5	258 260	8 4111
5550	9.0	52 1.42	3.2575	0.0105	9 15 21.6	10.624	0.408	93.9	60 323	9 4265

[1] $25''.4$ $22''.5$ $23''.6$ $24''.7$ [2] Dpl. med. ($9^{m}.5$ $9^{m}.5$)

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5551	9.2	15^h 52^m 2^s.99	+3^s.2369	+0^s.0102	− 8° 14′ 25″.4	−10″.622	+0″.405	94.0	143 260	8° 4114
5552	9.1	52 13.53	3.2113	0.0098	6 57 56.3	10.609	0.401	95.4	322 328	6 4318
5553	8.7	52 39.97	3.2406	0.0102	8 24 28.5	10.576	0.406	94.5	258 260	8 4117
5554	9.0	52 52.75	3.1999	0.0096	6 23 4.5	10.561	0.401	93.7 94.1	48 144 319^{a}δ 320	6 4323
5555	8.8	52 58.96	3.2201	0.0099	7 23 10.4	10.553	0.403	92.9 96.1	58 142 427δ	7 4149
5556	8.3	15 53 8.19	+3.2471	+0.0103	− 8 42 58.5	−10.542	+0.407	94.0	143 259	8 4119
5557	8.9	53 11.73	3.2259	0.0100	7 40 23.0	10.537	0.405	94.5	142 329	7 4150
5558	7.6	53 14.70	3.2007	0.0096	6 25 1.7	10.533	0.402	95.4	319^{a}δ 320 328	6 4324
5559	8.8	53 29.71	3.2368	0.0102	8 12 12.6	10.515	0.407	94.8	258 259 321	8 4121
5560	8.8	53 51.02	3.2416	0.0101	8 25 51.8	10.488	0.407	92.9	57 143	8 4124
5561	8.4	15 53 51.11	+3.2423	+0.0101	− 8 28 0.9	−10.488	+0.407	92.9	57 143	8 4123
5562	9.0	54 3.97	3.2118	0.0097	6 57 22.6	10.472	0.403	92.9	41 144	6 4327
5563	*6.5	54 19.54	3.2131	0.0097	7 1 1.7	10.453	0.404	93.9 94.4	48 319^{a}δ 320*	6 4330
5564	9.2	54 19.74	3.2672	0.0106	9 40 17.1	10.453	0.411	92.9	60 141	9 4278
5565	8.6	54 30.40	3.2251	0.0099	7 36 9.1	10.439	0.406	92.9	58 142	7 4157
5566	7.9	15 54 30.63	+3.2076	+0.0096	− 6 44 32.5	−10.439	+0.403	94.0	146 260	6 4331
5567	8.3	54 41.30	3.2097	0.0097	6 50 16.8	10.426	0.404	94.0	146 260	6 4332
5568	8.4	54 46.80	3.2042	0.0096	6 34 2.1	10.419	0.403	95.4	319^{a}δ 320 328	6 4333
5569	8.1	54 59.59	3.2237	0.0099	7 31 28.3	10.403	0.406	92.9	58 142	7 4159
5570	8.5	54 59.67	3.2315	0.0100	7 54 36.8	10.403	0.407	95.0	257 328	7 4158
5571	5.5	15 55 23.60	+3.2361	+0.0100	− 8 7 42.9	−10.373	+0.408	94.5	257 259	7 4162
5572	8.4	55 55.16	3.2071	0.0096	6 41 25.8	10.334	0.405	92.9	44 146	6 4337
5573	8.7	56 3.93	3.2055	0.0096	6 36 45.5	10.323	0.405	92.9	48 144	6 4338
5574	9.1	56 30.53	3.2372	0.0099	8 9 26.2	10.289	0.409	93.8	57 143 327	8 4134
5575	8.4	56 40.96	3.1970	0.0094	6 10 59.7	10.276	0.404	94.4 94.6	41 319^{a}δ 320 329	6 4342
5576	9.1	15 56 54.88	+3.2040	+0.0095	− 6 31 16.4	−10.259	+0.406	92.7	44 48 144	6 4343
5577	7.9	57 18.09	3.2387	0.0100	8 12 56.4	10.230	0.411	94.0	143 259	8 4136
5578	7.2	57 35.29	3.2297	0.0098	7 46 12.5	10.208	0.409	92.9	58 142	7 4174
5579	*9.0	57 42.51	3.2381	0.0100	8 10 26.9	10.199	0.411	93.8	57* 146 327	8 4138
5580	9.1	57 44.71	3.2448	0.0101	8 30 6.1	10.196	0.413	94.5	258 259	8 4139
5581	*8.0	15 57 52.54	+3.2387	+0.0100	− 8 12 8.6	−10.187	+0.412	92.9	57* 143	8 4140
5582	7.4	58 42.36	3.2688	0.0104	9 38 38.3	10.124	0.416	92.8	60 62 141	9 4291
5583	9.1	58 52.06	3.1980	0.0093	6 11 32.9	10.112	0.407	93.8	48 144 329	6 4344
5584	9.0	58 58.58	3.2435	0.0099	8 24 41.3	10.103	0.413	94.5	146 259 327	8 4143
5585	8.7	59 4.03	3.2470	0.0100	8 34 57.4	10.097	0.414	95.0	143 260	8 4144
5586	8.9	15 59 32.48	+3.2058	+0.0094	− 6 33 48.3	−10.061	+0.409	92.9	41 144	6 4346
5587	9.2	59 51.13	3.2378	0.0098	8 7 6.8	10.037	0.413	93.4 96.4	58 257 427δ	7 4184
5588	8.9	16 0 0.94	3.1993	0.0093	6 14 18.5	10.025	0.408	93.8	48 146 329	6 4348
5589	7.9	0 6.87	3.1948	0.0092	6 1 6.7	10.017	0.408	94.9 95.1	260 319^{a}δ 320	5 4231
5590	7.9	0 23.16	3.2112	0.0094	6 48 48.7	9.997	0.410	94.0	146 261	6 4360
5591	6.4	16 0 24.27	+3.1949	+0.0092	− 6 1 10.3	− 9.995	+0.408	94.9	260 320	5 4234
5592	7.8	0 36.06	3.2459	0.0099	8 29 50.1	9.980	0.415	94.8	143 258 259	8 4153
5593	8.7	0 43.40	3.2737	0.0103	9 49 58.2	9.971	0.419	92.9	60 141	9 4298
5594	9.1	1 3.78	3.2409	0.0098	8 14 35.7	9.945	0.415	92.9	57 143	8 4157
5595	8.1	1 8.51	3.2721	0.0102	9 44 30.0	9.939	0.418	92.9 96.1	60 141 425δ	9 4300
5596	9.2	16 1 10.96	+3.2827	+0.0104	−10 15 6.9	− 9.936	+0.420	93.5	62 256	10 4246
5597	9.1	1 20.07	3.2618	0.0101	9 14 45.5	9.925	0.417	95.4	323 326	9 4301
5598	9.0	1 31.29	3.2302	0.0096	7 43 3.2	9.911	0.414	94.0	142 261	7 4189
5599	9.1	1 33.76	3.2242	0.0095	7 25 42.4	9.907	0.413	93.4	58 257	7 4190
5600	8.6	1 33.87	3.2213	0.0095	7 17 2.6	9.907	0.413	95.0	257 328	7 4191

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5601	9.3	16h 1m 45s.07	+3s.2789	+0s.0103	−10° 3' 17".4	−9".893	+0".420	93.5	62 256	9° 4302
5602	8.8	1 53.51	3.2245	0.0095	7 25 57.2	9.882	0.413	92.9	58 142	7 4194
5603	8.7	1 58.00	3.2342	0.0097	7 54 6.7	9.877	0.415	95.0	257 328	7 4195
5604	9.0	2 16.26	3.2820	0.0104	10 11 31.6	9.854	0.421	92.9	60 141	10 4252
5605	9.1	2 18.85	3.2433	0.0098	8 20 5.0	9.850	0.416	92.9	57 143	8 4163
5606	7.7	16 2 20.08	+3.2299	+0.0096	− 7 41 20.6	−9.849	+0.414	94.0	142 261	7 4198
5607	8.9	2 21.85	3.2677	0.0102	9 30 20.2	9.846	0.419	95.4	323 326	9 4304
5608	8.1	2 22.97	3.2375	0.0097	8 3 5.0	9.845	0.415	95.1	261 325 328	7 4199
5609	9.4	2 41.14	3.1976	0.0091	6 6 56.9[1]	9.822	0.411	94.0 98.2	144 260 423δ 427δ	5 4243
5610	6.2	2 58.95	3.2749	0.0102	9 49 57.6	9.799	0.421	93.9	62 323	9 4305
5611	8.5	16 3 16.30	+3.2471	+0.0098	− 8 30 2.4	−9.777	+0.418	94.0	146 259	8 4165
5612	9.1	3 22.08	3.2116	0.0093	6 47 1.7	9.770	0.413	93.9	48 325	6 4368
5613	9.0	3 24.73	3.2436	0.0097	8 19 23.7	9.766	0.417	93.8	57 146 327	8 4166
5614	9.1	3 25.73	3.2620	0.0100	9 12 39.2	9.765	0.419	94.4	141 326	9 4306
5615	7.4	3 35.23	3.2657	0.0100	9 22 56.4	9.753	0.421	94.5	256 259	9 4307
5616	7.4	16 3 37.32	+3.2359	+0.0096	− 7 57 12.5	−9.750	+0.417	93.4	58 257	7 4205
5617	8.9	3 46.40	3.2286	0.0095	7 36 4.9	9.739	0.416	94.5	257 261	7 4206
5618	8.3	4 11.12	3.2053	0.0091	6 27 50.2	9.707	0.413	94.5	144 260 329	6 4370
5619	8.6	4 22.77	3.2569	0.0099	8 56 26.7	9.692	0.420	93.4	57 143 258	8 4170
5620	9.4	4 29.75	3.2098	0.0092	6 40 45.7	9.684	0.413	94.5	146 328	6 4373
5621	*8.6	16 4 36.07	+3.2370	+0.0096	− 7 59 19.8	−9.675	+0.418	92.9	58 142*	7 4215
5622	8.7	4 40.99	3.2776	0.0102	9 55 16.5	9.669	0.423	93.5	62 256	9 4315
5623	9.0	5 14.15	3.2371	0.0095	7 58 55.0	9.627	0.418	94.0	142 261	7 4217
5624	9.1	5 16.20	3.2631	0.0099	9 13 24.0	9.624	0.421	93.8	60 141 326	9 4319
5625	7.6	5 23.81	3.2384	0.0095	8 2 17.0	9.614	0.418	93.4	58 257	7 4218
5626	9.3	16 5 49.90	+3.2207	+0.0093	− 7 11 10.2	−9.581	+0.417	94.0	144 260	7 4222
5627	*5.0	6 31.91	3.2760	0.0100	9 48 18.7	9.527	0.425	92.9 96.1	60 141* 425δ	9 4324
5628	9.0	6 39.76	3.2069	0.0091	6 30 11.0	9.517	0.416	93.8	48 144 329	6 4377
5629	*5.0	6 42.07	3.2442	0.0096	8 17 21.4	9.514	0.421	93.9	57 143* 258* 327*	8 4180
5630	8.6	6 59.26	3.2851	0.0102	10 13 28.5	9.492	0.426	93.5	62 256	10 4268
5631	8.7	16 7 22.49	+3.2780	+0.0100	− 9 52 47.4	−9.462	+0.425	93.5	62 256	9 4326
5632	9.0	7 29.86	3.2456	0.0095	8 20 36.9	9.453	0.421	92.9	57 143	8 4185
5633	9.1	7 35.43	3.1975	0.0088	6 2 13.6	9.446	0.416	94.9	260 325	5 4254
5634	8.8	7 44.77	3.2825	0.0100	10 4 56.3	9.433	0.426	93.4	60 256	9 4329
5635	8.9	7 51.58	3.2201	0.0091	7 7 9.3	9.425	0.418	94.0	142 261	7 4230
5636	7.7	16 8 17.57	+3.2587	+0.0097	− 8 56 51.4	−9.391	+0.424	94.0	146 259	8 4188
5637	7.1	8 21.64	3.2358	0.0094	7 51 47.2	9.386	0.421	93.4	58 257	7 4233
5638[2]	8.8	8 23.30	3.2260	0.0092	7 23 27.5	9.384	0.419	95.0	257 328	7 4234
5639	9.0	8 23.93	3.1964	0.0088	5 58 28.0	9.383	0.416	94.9	260 325	5 4259
5640	8.0	8 31.93	3.2106	0.0090	6 39 9.0	9.373	0.418	94.5	144 328	6 4386
5641	8.8	16 8 37.03	+3.2500	+0.0096	− 8 32 8.1	−9.366	+0.424	94.4	143 326	8 4189
5642	8.9	8 45.02	3.2810	0.0100	9 59 22.3	9.356	0.427	92.9 96.1	62 141 427δ	9 4331
5643	7.5	8 47.06	3.2846	0.0100	10 9 36.9	9.353	0.427	93.4	60 256	10 4276
5644	8.7	9 19.41	3.2705	0.0097	9 28 58.7	9.311	0.426	94.0	141 260	9 4333
5645	9.0	9 27.06	3.2020	0.0088	6 14 7.5	9.302	0.417	92.9	48 146	6 4388
5646	8.0	16 9 48.49	+3.2205	+0.0090	− 7 6 32.1	−9.274	+0.420	92.9	48 144	6 4391
5647	5.5	10 10.95	3.2417	0.0093	8 6 14.3	9.245	0.423	92.9	58 143	7 4242
5648	9.0	10 46.36	3.2330	0.0092	7 41 13.3	9.199	0.423	92.9	52 142	7 4246
5649	9.0	11 6.19	3.2129	0.0088	6 43 45.4	9.173	0.420	92.9	48 144	6 4393
5650	8.3	11 7.74	3.2810	0.0098	9 56 22.3	9.171	0.429	93.5	62 256	9 4339

[1] 55".4 58".4 57".0 56".7 [2] 9m.4 nahe, Bor.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5651	8.6	$16^{h}\ 11^{m}\ 21^{s}.06$	$+3^{s}.2437$	$+0^{s}.0093$	$-8°\ 10'\ 53''.9$	$-9''.154$	$+0''.425$	92.9	57 143	8° 4197
5652	9.0	11 34.27	3.2635	0.0095	9 6 31.0	9.137	0.427	94.0	146 259	8 4198
5653	9.1	11 41.55	3.1973	0.0086	5 58 30.1	9.127	0.420	94.9	260 325	5 4267
5654	8.3	12 14.06	3.2802	0.0098	9 52 39.2	9.085	0.430	93.5	62 256	9 4345
5655	8.9	12 28.00	3.2668	0.0096	9 14 48.9	9.067	0.428	94.5	256 259	9 4347
5656	9.2	16 12 30.52	+3.2223	+0.0089	−7 9 6.7	−9.064	+0.422	92.9	58 142	7 4254
5657	8.8	12 33.51	3.2411	0.0092	8 2 9.4	9.060	0.425	94.5	257 261	7 4255
5658	8.7	12 35.49	3.2284	0.0090	7 26 10.0	9.057	0.423	94.5	257 261	7 4257
5659	8.9	13 4.08	3.2140	0.0087	6 44 58.7	9.020	0.422	92.9 96.1	46 144 425	6 4396
5660	8.3	13 26.45	3.2582	0.0093	8 49 33.8	8.991	0.428	92.9	54 146	8 4205
5661	8.4	16 13 42.20	+3.2330	+0.0090	−7 38 3.4	−8.970	+0.425	93.4	58 257	7 4258
5662	8.0	13 43.42	3.2211	0.0088	7 4 34.4	8.969	0.423	92.9	48 146	6 4399
5663	6.8	13 47.88	3.2116	0.0087	6 37 50.6	8.963	0.422	92.9	46 144	6 4400
5664	8.4	14 1.93	3.2704	0.0095	9 22 58.5	8.945	0.431	93.5	62 256	9 4353
5665	8.3	14 32.29	3.2755	0.0095	9 36 33.6	8.905	0.432	92.9	60 141	9 4355
5666	8.9	16 14 38.54	+3.2135	+0.0087	−6 42 17.7	−8.897	+0.423	92.9	46 142	6 4404
5667	9.0	14 39.27	3.2576	0.0093	8 46 9.0	8.896	0.429	92.9	54 143	8 4209
5668	8.9	15 16.82	3.2144	0.0086	6 44 10.4	8.847	0.424	92.9	46 142	6 4407
5669	8.7	15 39.90	3.2065	0.0085	6 21 28.4	8.817	0.424	92.9	48 144	6 4409
5670	9.1	15 52.27	3.2581	0.0092	8 46 26.3	8.800	0.430	92.8	54 57 143	8 4213
5671	9.7	16 16 1.02	+3.2301	+0.0088	−7 27 42.3	−8.789	+0.426	95.7 97.4	52 58a 423	7 4267
5672	8.9	16 4.39	3.2891	0.0096	10 12 36.2	8.784	0.435	92.9	60 141	10 4302
5673	8.8	16 13.71	3.2819	0.0095	9 52 22.3	8.772	0.434	93.5	62 256	9 4362
5674	8.0	16 15.72	3.2836	0.0095	9 56 55.2	8.770	0.434	93.5	62 256	9 4364
5675	9.0	16 31.97	3.2856	0.0095	10 2 10.3	8.748	0.435	94.5	256 259	9 4365
5676	8.8	16 16 34.50	+3.2183	+0.0087	−6 54 5.8	−8.745	+0.426	92.9	48 144	6 4412
5677	7.5	16 51.80	3.2527	0.0091	8 30 18.7	8.722	0.431	92.9	57 143	8 4216
5678	8.6	17 1.90	3.2686	0.0093	9 14 34.4	8.709	0.433	94.1	60 260 323	9 4367
5679	8.8	17 6.80	3.2126	0.0086	6 37 42.2	8.703	0.425	92.9	46 146	6 4416
5680	8.9	17 27.52	3.2234	0.0086	7 7 49.0	8.675	0.427	93.5	58 142 261	7 4274
5681	8.9	16 17 28.78	+3.2072	+0.0085	−6 22 12.2	−8.674	+0.426	93.9	48 325	6 4418
5682	8.6	17 35.66	3.2313	0.0087	7 29 40.6	8.665	0.428	94.1	52 257 328	7 4275
5683	7.5	17 37.10	3.2202	0.0087	6 58 27.5	8.663	0.427	92.9	48 144	6 4419
5684	8.1	17 57.38	3.2584	0.0090	8 44 51.9	8.636	0.432	93.5	54 146 260	8 4222
5685	8.7	18 12.97	3.2181	0.0086	6 52 4.8	8.617	0.427	93.9	48 325	6 4420
5686	8.1	16 18 30.37	+3.2666	+0.0091	−9 7 18.1	−8.593	+0.434	92.9	62 141	9 4377
5687	8.7	18 30.56	3.2355	0.0088	7 40 28.4	8.592	0.430	93.5	58 142 261	7 4276
5688	8.6	18 41.32	3.2613	0.0091	8 52 17.4	8.578	0.434	92.8	54 57 143	8 4227
5689	8.5	18 53.77	3.2037	0.0084	6 11 5.9	8.562	0.426	92.9	46 144	6 4424
5690	•8.7	19 8.74	3.2772	0.0093	9 35 44.0	8.542	0.436	92.9	60 141*	9 4379
5691	8.7	16 19 28.71	+3.2297	+0.0086	−7 23 36.0	−8.516	+0.430	93.8	52 146 328	7 4281
5692	7.9	19 46.66	3.2783	0.0092	9 38 5.0	8.492	0.437	92.9	60 141	9 4381
5693	8.7	19 48.30	3.2373	0.0087	7 44 30.8	8.490	0.431	93.5	58 142 260	7 4282
5694	9.2	20 3.38	3.2206	0.0085	6 57 22.1	8.470	0.429	92.9	48 144	6 4427
5695	8.2	20 9.49	3.2833	0.0093	9 51 18.5	8.462	0.438	94.5	256 259	9 4385
5696	9.0	16 20 41.46	+3.2243	+0.0085	−7 7 20.8	−8.420	+0.430	94.7	257 260 261 325	7 4283
5697	8.9	20 43.78	3.2156	0.0084	6 43 6.4	8.416	0.429	92.4	46 65	6 4430
5698	9.1	20 46.71	3.2651	0.0090	9 0 38.7	8.413	0.436	92.9	54 143	8 4232
5699	8.4	20 47.58	3.2426	0.0088	7 58 27.9	8.411	0.433	93.8	58 142 328	7 4284
5700	8.6	20 50.73	3.2757	0.0090	9 29 40.5	8.407	0.437	93.5	62 256	9 4387

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5701	8.8	16^h 21^m 10^{s}56	+3^{s}2760	+0^{s}0091	− 9° 30′ 13″0	−8″381	+0″438	93.5	62 256	9° 4389
5702	8.4	21 11.29	3.2353	0.0086	7 37 29.5	8.380	0.432	93.4	52 257	7 4286
5703	8.1	21 14.43	3.2543	0.0088	8 30 5.6	8.376	0.435	92.9	57 146	8 4234
5704	9.1	21 29.35	3.2580	0.0088	8 40 25.0[1]	8.356	0.435	92.9 98.6	5 Beob.[2]	8 4235
5705	8.3	22 2.29	3.2854	0.0092	9 55 2.3	8.312	0.440	92.9	60 141	9 4392
5706	8.5	16 22 3.95	+3.2512	+0.0088	− 8 20 51.8	−8.310	+0.435	93.5	57 146 260	8 4241
5707	9.3	22 16.11	3.2446	0.0087	8 2 19.3	8.294	0.434	93.5	58 142 261	7 4290
5708	*5.9	22 19.98	3.2302	0.0085	7 22 9.1	8.289	0.432	94.1	52 257* 328	7 4292
5709	*5.0	22 23.59	3.2470	0.0087	8 8 52.9[3]	8.284	0.434	93.9	57 143* 259 325*	8 4243
5710	9.0	23 7.38	3.2540	0.0087	8 27 26.5	8.226	0.436	93.5	54 146 260	8 4246
5711	8.6	16 23 23.49	+3.2903	+0.0091	−10 6 40.9	−8.204	+0.441	93.4	60 256	10 4322
5712[4]	6.8	23 24.66	3.2420	0.0086	7 54 18.3	8.203	0.435	92.9	52 142	7 4299
5713	9.5	24 19.32	3.2498	0.0086	8 14 40.7	8.130	0.437	93.4	54 143 260	8 4249
5714	7.3	24 56.76	3.2933	0.0091	10 13 15.2	8.080	0.443	92.9	60 141	10 4329
5715	7.0	25 6.65	3.2294	0.0083	7 17 47.6	8.067	0.435	92.9	50 142	7 4305
5716	8.6	16 25 13.17	+3.2503	+0.0086	− 8 15 14.8	−8.058	+0.438	92.9	54 143	8 4250
5717	8.5	25 22.54	3.2641	0.0087	8 52 59.0	8.046	0.440	93.5	57 146 260	8 4251
5718	8.6	25 22.92	3.2508	0.0086	8 16 35.7	8.045	0.438	93.9	54 325	8 4252
5719	9.7	25 24.83	3.2860	0.0090	9 52 51.1	8.043	0.443	94.5	256 259	9 4403
5720	8.7	25 35.97	3.2439	0.0085	7 57 18.2	8.028	0.437	92.9	52 144	7 4307
5721	8.0	16 25 42.12	+3.2302	+0.0083	− 7 19 25.4	−8.020	+0.435	92.9	50 142	7 4308
5722	7.5	25 54.00	3.2385	0.0083	7 42 13.8	8.004	0.436	92.9	50 143	7 4310
5723	*8.5	26 16.96	3.2818	0.0088	9 40 35.4	7.973	0.443	93.5	62* 256	9 4405
5724	7.5	26 25.67	3.2191	0.0081	6 48 27.9	7.961	0.434	92.4	46 65	6 4446
5725	*7.6	26 32.76	3.2777	0.0087	9 28 55.3	7.952	0.442	94.9	259* 325	9 4406
5726	9.0	16 26 38.76	+3.2852	+0.0088	− 9 49 10.0	−7.944	+0.443	94.0	141 259	9 4408
5727	9.1	27 4.28	3.2229	0.0081	6 58 14.8	7.910	0.435	93.4	48 142 260	6 4450
5728	8.4	27 50.95	3.2181	0.0080	6 44 14.9[5]	7.847	0.435	92.4 94.9	46 48 65 423δ	6 4456
5729	8.6	27 51.09	3.2581	0.0084	8 34 3.2	7.847	0.441	92.9	57 143	8 4257
5730	9.1	27 55.15	3.2553	0.0084	8 26 17.3	7.842	0.440	92.9	54 146	8 4259
5731	*9.1	16 28 34.87	+3.2264	+0.0081	− 7 6 33.1	−7.788	+0.437	93.2	50 58* 142 257	7 4322
5732	9.1	28 46.70	3.2936	0.0088	10 9 36.4	7.772	0.446	92.8	60 62 141	10 4343
5733	8.2	28 59.45	3.2158	0.0080	6 37 11.4	7.755	0.436	93.1	46 63 260	6 4459
5734	7.7	29 8.84	3.2447	0.0083	7 56 24.8	7.743	0.440	93.8	52 144 328	7 4324
5735	7.9	29 52.06	3.2785	0.0085	9 27 51.5	7.684	0.445	92.9	60 141	9 4413
5736	8.4	16 29 57.08	+3.2403	+0.0081	− 7 43 43.5	−7.677	+0.440	92.9	50 142	7 4326
5737	9.0	30 0.34	3.2404	0.0081	7 43 52.8	7.673	0.440	92.9	50 142	7 4327
5738	8.7	30 0.69	3.2030	0.0077	6 1 22.1	7.673	0.435	92.4	46 65	5 4320
5739	8.0	30 22.15	3.2043	0.0077	6 4 30.5	7.644	0.435	92.4	46 65	5 4321
5740	8.2	30 33.07	3.2584	0.0083	8 32 32.7	7.629	0.443	92.9	54 146	8 4265
5741	8.6	16 30 34.65	+3.2242	+0.0080	− 6 59 2.3	−7.627	+0.439	93.4	48 146 260	6 4464
5742	9.0	30 40.10	3.2618	0.0083	8 41 39.3	7.620	0.443	92.9	54 143	8 4266
5743	8.2	30 44.56	3.2806	0.0086	9 32 22.4	7.614	0.447	93.4	60 256	9 4417
5744	*6.7	31 5.21	3.2609	0.0082	8 38 59.0	7.586	0.444	92.9	57 143*	8 4270
5745	9.0	31 27.62	3.2370	0.0080	7 33 30.4	7.555	0.441	92.9	52 142	7 4331
5746	*7.6	16 31 27.84	+3.2048	+0.0076	− 6 5 25.5[6]	−7.555	+0.436	93.4 98.1	5 Beob.[7]	5 4323
5747	8.4	31 29.43	3.2618	0.0082	8 40 57.8	7.553	0.444	92.9	57 143	8 4274
5748	9.0	32 23.42	3.2587	0.0082	8 31 43.2	7.480	0.445	94.0	146 259	8 4278
5749	6.0	32 40.14	3.2105	0.0077	6 20 12.0	7.457	0.438	92.4	46 63	6 4467
5750	9.1	32 46.92	3.2913	0.0085	9 59 26.8	7.448	0.449	94.1	60 260 325	9 4424

[1] 25″5 21″7 (½) 24″7 24″8 25″8 [2] ZZ. 54 143 423δ 425δ 427δ [3] 53″3 51″3 52″9 54″2 [4] Dpl. seq., Z. 142: com. 9^{m}5
[5] 14″4 15″0 17″0 (½) 13″8 [6] 23″3 26″8 25″5 26″2 [7] ZZ. 46 65*a 325 423δ 427δ

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5751	9.0	16h 32m 49s.78	+3s.2688	+0s.0082	−8° 58′ 31″.2	−7″.444	+0″.446	94.0	146 259	8° 4279
5752	7.8	33 2.68	3.2241	0.0078	6 57 9.3	7.427	0.440	93.9	48 325	6 4469
5753	*8.8	33 18.76	3.2971	0.0086	10 14 21.5	7.405	0.450	93.9	62* 325	10 4358
5754	6.6	33 21.62	3.2566	0.0081	8 25 9.2	7.401	0.444	92.9	54 146	8 4282
5755	8.6	33 29.63	3.2933	0.0085	10 3 54.6	7.390	0.449	93.4	60 256	9 4427
5756	8.9	16 33 35.67	+3.2606	+0.0081	−8 35 33.1	−7.382	+0.445	92.9	57 143	8 4283
5757	*6.9	34 10.85	3.2776	0.0082	9 21 10.1	7.334	0.448	94.5	256* 259	9 4430
5758	7.7	34 11.73	3.2325	0.0078	7 18 53.1	7.333	0.442	92.9	50 142	7 4337
5759	9.7	34 30.75	3.2527	0.0079	8 13 34.5	7.307	0.445	94.0	143 261	8 4285
5760	9.1	34 33.84	3.2160	0.0076	6 33 47.5	7.303	0.440	92.4	46 48 65	6 4475
5761	9.0	16 34 49.77	+3.2754	+0.0082	−9 14 38.7	−7.281	+0.448	94.0	141 259	9 4431
5762	9.0	35 6.55	3.2471	0.0079	7 58 5.6	7.259	0.445	92.9	52 142	7 4340
5763	9.1	35 18.25	3.2304	0.0077	7 12 30.4	7.243	0.443	92.9	50 142	7 4342
5764	6.8	35 31.01	3.2506	0.0079	8 6 55.2	7.225	0.445	92.9	54 143	8 4287
5765	9.0	36 21.40	3.2155	0.0075	6 31 21.8	7.157	0.441	92.4	46 65	6 4482
5766	9.0	16 36 24.04	+3.2419	+0.0077	−7 42 56.2	−7.153	+0.444	93.9	50 325	7 4346
5767	9.3	36 31.61	3.2223	0.0076	6 49 49.4	7.143	0.442	92.9	48 146	6 4484
5768	8.4	36 44.87	3.2204	0.0075	6 44 36.6	7.125	0.442	92.9 96.1	52 144 427δ	6 4485
5769	8.9	36 56.07	3.2274	0.0076	7 3 6.7	7.110	0.443	92.9	46 144	6 4487
5770	9.2	37 7.50	3.2087	0.0074	6 12 32.1	7.094	0.441	92.9	52 146	6 4489
5771	9.3	16 37 34.07	+3.2239	+0.0075	−6 53 20.3[1]	−7.058	+0.443	94.0 98.2	144 260 423δ 425δ	6 4490
5772	8.5	37 34.41	3.2656	0.0079	8 45 40.4	7.057	0.448	93.4	54 143 259	8 4294
5773	9.3	37 48.66	3.2613	0.0078	8 34 6.9	7.038	0.448	92.8	54 57 143	8 4296
5774	7.8	38 7.93	3.2471	0.0077	7 55 47.7	7.012	0.447	92.9	50 142	7 4347
5775	9.0	38 40.53	3.2114	0.0074	6 19 2.6	6.967	0.442	92.9	48 142	6 4491
5776	8.9	16 39 32.69	+3.2071	+0.0072	−6 6 47.6	−6.896	+0.442	92.4	46 63	6 4493
5777	9.5	39 35.98	3.2796	0.0079	9 21 28.3	6.891	0.452	94.4	141 259 325	9 4444
5778	8.1	39 37.96	3.2249	0.0074	6 54 47.2[2]	6.888	0.445	93.1 95.4	48 65 260 423δ	6 4494
5779	8.7	40 23.58	3.2557	0.0077	8 17 4.7	6.826	0.449	92.9	54 143	8 4305
5780	9.1	40 55.38	3.2686	0.0077	8 51 4.6	6.782	0.452	92.8	54 57 143	8 4307
5781	9.0	16 41 38.19	+3.2418	+0.0074	−7 38 50.5	−6.724	+0.448	92.7	50 52 142	7 4351
5782	7.9	41 47.88	3.2228	0.0073	6 47 38.7	6.710	0.445	92.8	48 65 144	6 4497
5783	8.7	42 3.10	3.2062	0.0071	6 2 42.3	6.689	0.443	92.4	46 63	5 4350
5784	8.6	42 5.11	3.2087	0.0071	6 9 31.2[3]	6.686	0.443	92.9 96.1	46 142 427δ	6 4499
5785	8.9	42 23.03	3.2723	0.0076	8 59 48.2	6.662	0.453	92.9	54 143	8 4315
5786	9.3	16 42 37.03	+3.2837	+0.0077	−9 29 37.3	−6.643	+0.454	94.0	141 259	9 4451
5787	9.2	43 22.35	3.2121	0.0071	6 17 58.6	6.580	0.445	92.4	46 63	6 4503
5788	8.1	43 28.21	3.2896	0.0077	9 44 45.7	6.572	0.455	94.0	141 260	9 4454
5789	8.2	43 32.95	3.2672	0.0076	8 45 10.8	6.566	0.452	92.9	57 146	8 4320
5790	8.8	43 51.16	3.2703	0.0075	8 53 14.4	6.540	0.454	92.9	54 146	8 4323
5791	8.6	16 44 59.26	+3.2345	+0.0072	−7 17 3.6[4]	−6.447	+0.449	92.7	50 52 142	7 4361
5792	8.3	45 5.91	3.2632	0.0074	8 33 23.9	6.437	0.454	92.9	54 146	8 4328
5793	9.1	45 11.21	3.2218	0.0070	6 43 4.9[5]	6.430	0.448	93.1 95.4	48 65 260 423δ	6 4506
5794	9.1	45 17.48	3.2634	0.0074	8 33 38.4	6.421	0.454	92.9	54 146	8 4329
5795	8.7	45 31.20	3.2606	0.0073	8 25 59.2	6.402	0.453	92.9	57 143	8 4331
5796	8.7	16 46 4.74	+3.2060	+0.0068	−6 0 18.9[6]	−6.356	+0.446	92.4	46 48 63	5 4360
5797	7.9	46 32.07	3.2667	0.0073	8 41 40.9	6.318	0.455	92.9	54 141	8 4337
5798	8.8	46 47.28	3.2314	0.0070	7 7 30.2	6.297	0.450	92.7	50 52 142	7 4364
5799	9.1	47 41.46	3.2564	0.0071	8 13 29.5	6.222	0.454	92.9	57 143	8 4342
5800	8.7	47 47.84	3.2550	0.0071	8 9 50.3	6.213	0.453	92.9	57 146	8 4343

[1] 18″2 21″8 20″2 20″9 [2] 44″5 48″4 48″4 47″3 [3] 29″7 31″6 32″3 [4] 4″0 4″7 2″0 [5] 6″5 3″7 4″8 4″8
[6] 19″4 17″4 20″0

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5801	8.1	16h 48m 2s.27	+3s.2353	+0s.0070	−7° 17′ 15″.2	−6″.193	+0″.452	93.5	50 142 261	7° 4369
5802	8.3	48 20.27	3.2698	0.0072	8 48 18.0	6.168	0.456	93.4	54 141 260	8 4346
5803	9.3	48 27.39	3.2186	0.0068	6 32 34.1	6.158	0.449	93.9	46 325	6 4512
5804	8.8	48 36.73	3.2332	0.0069	7 11 20.7	6.146	0.452	92.7	50 52 142	7 4370
5805	8.6	48 43.54	3.2543	0.0071	8 7 21.5	6.136	0.454	92.9	54 143	8 4347
5806	8.0	16 48 55.77	+3.2189	+0.0068	−6 32 52.2	−6.119	+0.449	92.4	46 63	6 4513
5807	5.3	49 14.98	3.2063	0.0066	5 59 24.6	6.092	0.448	92.4	48 65	5 4374
5808	9.2	49 38.80	3.2801	0.0071	9 14 27.7	6.059	0.459	94.0	141 261	9 4467
5809	8.0	49 44.56	3.2565	0.0070	8 12 25.4	6.051	0.456	92.9	57 143	8 4348
5810	6.9	49 45.68	3.2177	0.0067	6 29 18.8	6.050	0.450	92.4	48 63	6 4516
5811	8.5	16 50 8.73	+3.2553	+0.0070	−8 8 57.2	−6.018	+0.455	92.9	54 146	8 4352
5812	9.3	50 13.65	3.2698	0.0071	8 47 3.5	6.011	0.457	94.9	260 325	8 4354
5813	*7.8	50 27.88	3.2059	0.0066	5 57 42.8	5.991	0.448	92.4	52* 65	5 4378
5814	9.1	50 36.30	3.2307	0.0068	7 3 33.3	5.979	0.452	92.9	52 142	6 4522
5815	8.4	50 46.98	3.2730	0.0070	8 55 1.7	5.964	0.458	94.0	146 260	8 4356
5816	9.2	16 50 50.10	+3.2608	+0.0069	−8 23 1.3[1]	−5.960	+0.457	92.9 96.1	57 143 425	8 4357
5817	9.6	51 1.20	3.2205	0.0066	6 36 9.1	5.945	0.451	95.0	261 325	6 4524
5818	9.0	51 49.99	3.2575	0.0069	8 13 38.8	5.877	0.457	92.9	54 143	8 4360
5819	9.0	52 4.90	3.2726	0.0070	8 53 16.0	5.856	0.459	94.0	146 260	8 4362
5820	9.2	52 30.05	3.2678	0.0069	8 40 13.3	5.821	0.459	93.5	57 143 261	8 4365
5821	8.5	16 53 4.07	+3.2886	+0.0070	−9 34 20.7	−5.773	+0.462	92.9	62 141	9 4472
5822	8.8	53 27.84	3.2634	0.0067	8 28 3.4	5.740	0.458	92.5	54 68	8 4366
5823	9.4	53 34.64	3.2443	0.0067	7 37 37.4[2]	5.731	0.456	92.7 95.1	50 52 142 423δ	7 4380
5824	8.0	54 6.95	3.2484	0.0067	7 48 15.6[3]	5.685	0.456	92.9 96.1	50 142 425δ	7 4383
5825	7.6	54 36.69	3.2389	0.0066	7 22 50.1	5.644	0.455	92.9	52 143	7 4386
5826	9.0	16 55 7.24	+3.2353	+0.0064	−7 13 15.6	−5.601	+0.456	95.0	261 325	7 4387
5827	8.5	55 24.94	3.2171	0.0063	6 25 7.3	5.576	0.453	92.4	48 65	6 4537
5828	9.3	55 37.23	3.2779	0.0067	9 4 46.1	5.559	0.461	94.0	143 261	9 4476
5829	7.5	55 50.49	3.2278	0.0064	6 52 50.4	5.540	0.455	92.9	52 146	6 4538
5830	8.6	55 57.13	3.2900	0.0068	9 35 57.3	5.531	0.464	94.0	141 260	9 4478
5831	7.4	16 56 12.42	+3.2211	+0.0063	−6 35 23.2	−5.510	+0.454	92.4	48 65	6 4539
5832	8.7	56 15.62	3.2907	0.0068	9 37 28.9	5.505	0.464	94.0	141 260	9 4479
5833	8.8	56 28.81	3.2717	0.0066	8 47 50.5	5.487	0.461	92.5	57 68	8 4374
5834	8.8	57 2.46	3.2797	0.0066	9 8 18.4	5.439	0.462	94.0	141 261	9 4481
5835	7.6	57 36.22	3.2128	0.0061	6 12 33.2	5.392	0.454	92.4	46 63 65	6 4542
5836	9.0	16 57 37.50	+3.2564	+0.0065	−8 7 3.7	−5.390	+0.460	93.8 95.9	54 143 325 425δ	8 4379
5837	8.7	57 45.82	3.2738	0.0066	8 52 28.2	5.379	0.463	92.5	54 68	8 4380
5838	8.7	57 48.52	3.2796	0.0066	9 7 40.7	5.375	0.463	94.0	141 260	9 4482
5839	8.1	59 5.98	3.2440	0.0063	7 33 53.2	5.266	0.459	92.9	50 52 142 143	7 4392
5840	8.7	59 50.51	3.2886	0.0065	9 29 32.0	5.203	0.465	93.8	141 146 261	9 4490
5841	9.0	16 59 58.31	+3.2306	+0.0061	−6 58 10.6	−5.192	+0.457	92.4	46 48 63 65	6 4546
5842	9.0	59 59.72	3.2804	0.0064	9 8 19.8	5.190	0.464	94.0	141 260	9 4492
5843	9.2	17 0 33.08	3.2793	0.0064	9 5 6.6	5.143	0.464	94.0	143 260	9 4495
5844	8.5	0 47.59	3.2093	0.0059	6 1 45.9	5.123	0.454	92.4	46 65	5 4401
5845	9.1	1 3.68	3.2637	0.0062	8 24 12.5	5.100	0.463	92.4	54 57 68	8 4386
5846	8.8	17 1 16.71	+3.2923	+0.0064	−9 38 16.5	−5.082	+0.467	94.0	143 259	9 4501
5847	8.3	1 35.32	3.2928	0.0064	9 39 28.0	5.055	0.467	94.0	141 259	9 4502
5848	9.0	1 45.55	3.2650	0.0062	8 27 8.0	5.041	0.463	93.2	54 68 146 261	8 4387
5849	8.8	3 10.28	3.2680	0.0062	8 34 4.5	4.921	0.464	92.4	54 57 68	8 4391
5850	8.7	3 15.07	3.2434	0.0060	7 30 12.1	4.915	0.461	92.7	50 52 142	7 4400

[1] 59″.1 2″.2 2″.5 [2] 39″.2 37″.0 36″.0 37″.3 [3] 13″.9 16″.7 16″.1

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5851	*8.6	17^{h} 3^{m} 23^{s}.02	+3^{s}.2150	+0^{s}.0058	— 6° 15' 44".4	—4".903	+0".457	92.4	46 48 63 65*a	6° 4555
5852	9.2	3 48.51	3.2472	0.0060	7 39 44.0	4.867	0.462	92.7	50 52 142	7 4402
5853	8.8	4 13.24	3.2173	0.0057	6 21 27.5	4.832	0.457	92.4	46 65	6 4559
5854	9.1	4 19.86	3.2241	0.0058	6 39 16.7	4.823	0.458	94.0	146 260	6 4560
5855	8.3	4 33.43	3.2643	0.0060	8 23 42.9	4.804	0.464	93.1	54 68 261	8 4392
5856	8.9	17 5 44.40	+3.3013	+0.0061	— 9 58 34.7	—4.703	+0.470	94.0	141 261	9 4510
5857	8.4	6 0.53	3.2210	0.0057	6 30 28.4	4.680	0.459	92.9	46 146	6 4565
5858	8.0	6 1.37	3.2973	0.0061	9 48 15.2	4.679	0.469	94.0	141 260	9 4512
5859	8.8	6 6.69	3.2714	0.0060	8 41 26.9	4.672	0.466	92.5	57 68	8 4394
5860	9.1	6 18.62	3.2630	0.0059	8 19 24.1	4.655	0.465	92.5	54 68	8 4395
5861	8.2	17 6 59.83	+3.3059	+0.0060	—10 9 24.7	—4.596	+0.471	94.0	143 260	10 4453
5862	8.5	7 49.90	3.2920	0.0060	9 33 20.5	4.525	0.470	93.5	59 141 261	9 4518
5863	8.6	8 2.95	3.3058	0.0060	10 8 36.3	4.507	0.471	94.0	143 260	10 4460
5864	7.7	8 8.81	3.2829	0.0058	9 9 55.0	4.498	0.468	94.0	141 259	9 4519
5865	9.4	8 19.04	3.2430	0.0056	7 26 43.5	4.484	0.462	92.4	50 52 71	7 4408
5866	9.1	17 8 36.72	+3.2738	+0.0058	— 8 46 18.7	—4.459	+0.467	92.5	57 66	8 4399
5867	7.8	8 42.26	3.2626	0.0057	8 17 20.3	4.451	0.465	92.5	54 68	8 4400
5868	9.0	9 0.31	3.2393	0.0056	7 16 48.1	4.425	0.463	92.4	50 52 70	7 4410
5869	9.0	9 27.08	3.2840	0.0057	9 12 2.1	4.387	0.470	92.9	59 141	9 4522
5870	*9.1	9 29.20	3.2539	0.0056	7 54 35.4	4.384	0.465	93.2	52 71* 261	7 4411
5871	8.0	17 9 53.56	+3.2350	+0.0055	— 7 5 9.7	—4.349	+0.462	94.0	142 260	7 4413
5872	8.3	10 3.04	3.2190	0.0054	6 23 39.6	4.336	0.460	92.4	46 48 63	6 4571
5873	*8.0	10 3.67	3.3072	0.0058	10 11 4.2	4.335	0.473	94.0	143* 259	10 4462
5874	7.5	10 11.11	3.2957	0.0058	9 41 41.6	4.324	0.471	94.0	146 259	9 4525
5875	8.5	10 22.42	3.2691	0.0057	8 33 14.6	4.308	0.467	92.5	54 66	8 4406
5876	8.3	17 10 38.91	+3.2546	+0.0056	— 7 55 48.3	—4.285	+0.465	92.5	50 71	7 4414
5877	8.9	10 51.45	3.2367	0.0054	7 9 7.3	4.267	0.462	93.5	70 260	7 4415
5878	9.3	10 57.80	3.2766	0.0056	8 52 23.7	4.258	0.469	93.5	68 261	8 4409
5879	9.0	11 10.97	3.2886	0.0056	9 23 1.7	4.239	0.471	92.9	59 141	9 4527
5880	6.0	11 21.24	3.2131	0.0052	6 8 2.7	4.224	0.460	92.4	46 65	6 4575
5881	9.0	17 11 36.03	+3.2816	+0.0056	— 9 4 54.8	—4.203	+0.470	94.0	143 259	9 4530
5882	9.1	11 36.65	3.2956	0.0057	9 40 40.0	4.202	0.472	94.0	146 260	9 4531
5883	8.1	11 48.45	3.2257	0.0053	6 40 30.4	4.185	0.462	92.4	46 48 63	6 4577
5884	8.1	11 58.03	3.2509	0.0055	7 45 36.2	4.172	0.465	92.9	50 142	7 4419
5885	8.8	12 27.28	3.2618	0.0054	8 13 35.6	4.130	0.467	92.5	54 68	8 4415
5886	8.3	17 12 40.34	+3.2615	+0.0054	— 8 12 26.7	—4.112	+0.467	93.1	54 68 261	8 4417
5887	9.3	12 53.78	3.2770	0.0055	8 52 16.4	4.092	0.469	93.5	66 260	8 4418
5888	7.6	13 9.47	3.3061	0.0056	10 6 45.3	4.070	0.473	92.9	59 141	10 4470
5889	9.1	13 35.78	3.2809	0.0054	9 2 4.5	4.032	0.470	93.1	54 68 261	8 4422
5890	9.0	13 57.89	3.2217	0.0052	6 29 15.4	4.001	0.462	92.4	46 63	6 4579
5891	7.8	17 14 34.38	+3.2549	+0.0053	— 7 54 47.7	—3.949	+0.467	92.5	52 70	7 4427
5892[1]	...	14 36.50	3.2180	0.0051	6 19 29.3	3.946	0.462	92.4	46 65	6 4580
5893	9.4	14 53.63	3.2431	0.0052	7 24 5.5	3.921	0.465	93.2	70 71 260	7 4429
5894	*9.1	15 12.09	3.2759	0.0053	8 48 28.7	3.895	0.470	93.1	54 66 261	8 4427
5895	9.0	15 13.98	3.2640	0.0052	8 18 2.7	3.892	0.468	93.2	68 142 151	8 4428
5896	8.6	17 15 19.26	+3.2338	+0.0051	— 7 0 15.4	—3.884	+0.464	92.4	48 50 63	6 4581
5897[2]	...	15 20.22	3.2789	0.0053	8 56 8.8	3.883	0.471	93.8	141 151 259	8 4429
5898	9.0	15 31.43	3.2122	0.0050	6 4 13.0[3]	3.867	0.461	93.1 95.5	48 65 260 428δ	6 4582
5899	9.0	16 11.45	3.2336	0.0051	6 59 29.7	3.810	0.464	93.1	46 65 261	6 4583
5900	9.0	16 29.48	3.3018	0.0053	9 53 57.4	3.784	0.475	92.9	59 141	9 4539

[1] Dpl. med. (9^{m}.3 9^{m}.4)
[2] Z. 141: Dpl. (8^{m}.5 8^{m}.8)? med., Z. 151: 8^{m}.8, Dpl.? med., Z. 259: 9^{m}.0
[3] 14".6 11".9 12".7 12".8

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5901	9.0	17^h 16^m 46^s.54	+3^s.2953	+0^s.0053	−9° 37′ 6″.8	−3″.759	+0″.474	94.0	143 259	9° 4540
5902	7.6	17 20.43	3.2161	0.0049	6 13 47.8	3.711	0.463	92.4	48 63	6 4587
5903	9.2	17 31.96	3.2509	0.0051	7 43 18.5	3.694	0.467	92.4	50 52 71	7 4434
5904	7.0	17 40.47	3.2343	0.0050	7 0 27.1	3.682	0.465	93.1	46 65 261	6 4589
5905	7.4	18 29.05	3.2872	0.0051	9 15 51.4	3.613	0.473	93.4	59 141 143 260	9 4546
5906	9.2	17 18 52.46	+3.2576	+0.0050	−7 59 52.5	−3.579	+0.469	93.2	50 70 142 261	7 4438
5907	8.5	19 23.01	3.2597	0.0049	8 5 18.1	3.535	0.469	93.1	54 68 260	8 4436
5908	8.1	19 33.15	3.2839	0.0050	9 7 0.7[1]	3.521	0.473	93.2	59 61 141 265	9 4549
5909	6.8	19 58.77	3.2751	0.0050	8 44 19.6	3.484	0.472	93.0	66 151	8 4437
5910	7.5	20 23.53	3.2714	0.0050	8 34 58.1	3.448	0.471	93.0	66 151	8 4438
5911	9.5	17 20 31.95	+3.2497	+0.0049	−7 39 16.8	−3.436	+0.468	92.5	52 71	7 4442
5912	9.4	20 33.93	3.2499	0.0049	7 39 50.9	3.433	0.468	92.5	52 71	7 4443
5913	7.0	20 36.96	3.2226	0.0047	6 29 34.2	3.429	0.464	92.4	46 63	6 4592
5914	9.6	21 13.13	3.2722	0.0049	8 36 40.4	3.377	0.471	93.5	68 261	8 4440
5915	7.8	21 48.68	3.2399	0.0047	7 13 38.5	3.326	0.468	92.5	52 71	7 4444
5916	9.2	17 22 9.90	+3.2686	+0.0047	−8 27 0.0	−3.295	+0.472	92.5	54 66	8 4442
5917	9.0	22 31.13	3.2140	0.0045	6 6 35.4	3.265	0.464	92.4	46 63	6 4597
5918	6.4	22 36.65	3.2609	0.0047	8 7 14.4	3.257	0.470	93.0	68 151	8 4444
5919	9.4	22 47.68	3.2716	0.0048	8 34 26.5[2]	3.241	0.472	93.5 98.0	66 261 425δ 428δ	8 4445
5920	8.5	22 59.36	3.2916	0.0048	9 25 2.5	3.224	0.475	92.8	59 61 141	9 4556
5921	9.0	17 23 34.79	+3.2234	+0.0045	−6 30 49.9	−3.173	+0.466	92.4	48 65	6 4600
5922[3]	...	23 45.94	3.3034	0.0048	9 54 35.6	3.157	0.477	94.0	141 260	9 4558
5923	9.0	24 10.58	3.2937	0.0048	9 30 5.8	3.122	0.476	92.8	59 61 141	9 4560
5924	8.3	24 18.17	3.2568	0.0046	7 56 13.4	3.111	0.470	92.5	50 70	7 4448
5925[4]	8.6	24 33.15	3.2663	0.0045	8 20 8.9	3.089	0.471	93.1	54 68 261	8 4447
5926	8.0	17 24 34.46	+3.2310	+0.0044	−6 49 56.1	−3.087	+0.466	92.4	46 63	6 4602
5927	8.7	24 54.13	3.2771	0.0046	8 47 40.1	3.059	0.473	93.5	66 151 265	8 4448
5928	*8.4	24 58.36	3.3061	0.0047	10 1 3.0	3.053	0.477	93.1	59 147[a]* 148	9 4562
5929	8.5	25 11.56	3.2117	0.0043	6 0 22.7	3.034	0.464	92.4	48 63 65	5 4453
5930	9.1	25 18.25	3.2534	0.0045	7 47 7.7	3.024	0.470	92.4	50 52 71	7 4451
5931	8.9	17 25 28.51	+3.2635	+0.0045	−8 12 46.7	−3.009	+0.472	92.5	54 68	8 4450
5932	8.2	25 34.47	3.2555	0.0045	7 52 12.5	3.001	0.471	92.5	50 70	7 4452
5933	8.5	26 14.37	3.3036	0.0046	9 54 20.7	2.943	0.478	93.5	59 141 265	9 4564
5934	9.3	26 34.38	3.2852	0.0045	9 7 33.4	2.914	0.475	94.0	148 260	9 4565
5935[5]	...	26 50.89	3.2680	0.0044	8 23 43.7	2.890	0.473	92.5	54 66	8 4453
5936	8.9	17 27 14.68	+3.2163	+0.0042	−6 11 39.1	−2.856	+0.465	93.1	46 63 265	6 4609
5937	9.2	27 36.32	3.2746	0.0044	8 40 17.2	2.825	0.474	93.0	68 151	8 4456
5938	8.9	27 37.83	3.2954	0.0045	9 32 58.2	2.823	0.477	92.9	59 141	9 4567
5939	9.0	28 11.80	3.2451	0.0041	7 25 6.3	2.774	0.469	92.4	50 52 71	7 4456
5940	8.5	28 21.22	3.2581	0.0042	7 50 49.7	2.760	0.472	93.1	50 70 260	7 4457
5941	8.9	17 28 29.35	+3.2197	+0.0041	−6 20 9.7	−2.748	+0.466	92.4	46 65	6 4611
5942	9.2	28 55.54	3.2333	0.0041	6 54 30.3	2.711	0.469	93.0	65 150	6 4612
5943	9.0	29 13.01	3.2801	0.0043	8 53 52.5	2.685	0.476	93.1	54 66 261	8 4459
5944	*8.7	29 27.83	3.2397	0.0040	7 10 53.3	2.664	0.470	93.0	50* 52 70 265	7 4461
5945	*8.8	29 35.92	3.2384	0.0040	7 7 28.1	2.652	0.469	92.5	50* 71	7 4462
5946	9.1	17 29 45.20	+3.2207	+0.0040	−6 22 19.7	−2.639	+0.466	92.9	46 148	6 4615
5947[6]	7.9	30 8.94	3.2089	0.0040	5 51 56.3	2.604	0.465	93.0	65 150	5 4465
5948	9.1	30 19.04	3.2644	0.0041	8 13 44.9	2.590	0.473	93.0	66 151	8 4464
5949	6.4	30 21.01	3.2133	0.0040	6 3 22.5	2.587	0.465	93.5	63 260	6 4618
5950	8.9	30 29.18	3.2152	0.0040	6 8 11.4	2.575	0.466	94.0	147[a] 260	6 4619

[1] 59″.7 59″.8 2″.3 1″.0 [2] 25″.6 28″.2 26″.9 25″.5 [3] Dpl. med., Z. 141: 7^m.9 8^m.0 [4] 10^m nahe, seq.
[5] Dpl. med. (9^m.4 9^m.4) [6] Z. 150: 9^m.5 nahe

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
5951	8.1	17h 30m 32s.53	+3s.2136	+0s.0040	−6° 3' 51".4	−2".570	+0".465	93.0	63 150	6° 4620
5952	8.9	30 51.61	3.3001	0.0042	9 43 49.2	2.543	0.478	92.9	59 141	9 4578
5953	8.9	31 12.14	3.2867	0.0041	9 9 55.1	2.513	0.476	94.5	261 265	9 4579
5954	8.6	31 12.26	3.3011	0.0042	9 46 8.0	2.513	0.478	92.8	59 61 141	9 4580
5955	8.8	31 39.45	3.2670	0.0040	8 19 40.9	2.473	0.473	93.0	68 151	8 4468
5956	9.1	17 31 41.73	+3.2934	+0.0041	−9 26 44.8	−2.470	+0.477	94.0	141 261	9 4581
5957	8.9	31 51.46	3.2749	0.0041	8 39 50.1	2.456	0.475	94.0 96.8	148 260 428δ	8 4469
5958	7.9	31 57.95	3.2586	0.0040	7 58 29.4	2.447	0.472	92.5	52 70	7 4468
5959	9.3	32 21.77	3.2678	0.0039	8 21 43.8	2.412	0.473	94.0	151 265	8 4471
5960	**4.6**	**32 24.51**	**3.2606**	**0.0041**	**8 3 28.2**	**2.408**	**0.472**		**Fund. Cat.**	**8 4472**
5961	*7.5	17 32 32.96	+3.2823	+0.0040	−8 58 7.0	−2.396	+0.477	94.0	148 260*	8 4473
5962	*8.0	32 42.86	3.2610	0.0039	8 4 26.8	2.382	0.473	92.8	52* 68 152	8 4475
5963	8.6	32 46.26	3.2604	0.0039	8 2 45.6	2.377	0.473	92.8	52 68 152	8 4476
5964	9.0	33 0.29	3.2647	0.0039	8 13 44.8	2.356	0.474	94.5	261 263 265	8 4478
5965	*8.7	33 10.18	3.2778	0.0039	8 46 55.3	2.342	0.476	94.0	148 260*	8 4479
5966	9.1	17 33 51.17	+3.2904	+0.0039	−9 18 21.6	−2.283	+0.478	92.8	59 61 141	9 4587
5967	9.1	34 25.73	3.2222	0.0037	6 25 17.3	2.233	0.468	92.4	46 63 65	6 4624
5968	8.9	34 33.35	3.2742	0.0038	8 37 11.6	2.222	0.475	93.2	68 148 151	8 4482
5969	8.5	34 53.59	3.2604	0.0038	8 2 22.2	2.192	0.473	93.0	66 151	8 4484
5970	9.4	35 35.23	3.2876	0.0038	9 10 57.5	2.132	0.478	93.5	59 265	9 4590
5971	9.0	17 35 46.01	+3.2219	+0.0036	−6 24 11.7	−2.116	+0.468	93.0	63 150	6 4629
5972	8.8	35 47.85	3.2113	0.0036	5 57 11.6	2.114	0.466	93.0	65 150	5 4481
5973	8.9	36 21.52	3.2506	0.0037	7 37 12.9	2.065	0.472	92.5	50 70	7 4483
5974	8.9	36 21.69	3.2996	0.0038	9 40 59.1	2.065	0.479	93.0	61 148	9 4591
5975	8.7	36 48.21	3.2601	0.0036	8 1 17.8	2.026	0.473	92.4	50 52 70	7 4485
5976	9.2	17 36 56.43	+3.2840	+0.0037	−9 1 31.3[1]	−2.014	+0.477	93.5	59 148 260	9 4592
5977	8.4	37 54.81	3.2826	0.0036	8 57 44.3	1.929	0.478	93.0 96.2	66 151 428δ	8 4489
5978	8.8	38 12.73	3.2899	0.0035	9 16 15.1	1.903	0.479	93.5	59 141 262	9 4594
5979	6.8	38 23.13	3.2369	0.0034	7 2 0.0	1.888	0.471	92.5	50 70	7 4487
5980	8.3	38 34.26	3.2593	0.0035	7 58 47.3	1.872	0.474	92.5	52 71	7 4488
5981	8.8	17 38 34.50	+3.2179	+0.0034	−6 13 24.6	−1.872	+0.468	93.0	63 150	6 4638
5982	9.1	38 37.30	3.3019	0.0036	9 45 56.8	1.868	0.480	93.5	61 141 261	9 4595
5983	7.7	38 39.64	3.2099	0.0034	5 53 2.4	1.864	0.467	93.5	65 260	5 4488
5984	9.0	38 53.66	3.2239	0.0034	6 28 47.3	1.844	0.469	93.5	148 150	6 4641
5985	9.5	38 59.76	3.2557	0.0035	7 49 31.1	1.835	0.473	93.8	52 263 265	7 4490
5986	8.9	17 39 7.45	+3.2264	+0.0034	−6 35 9.9	−1.824	+0.469	93.0	65 150	6 4643
5987	8.5	39 8.64	3.2554	0.0035	7 48 44.0	1.822	0.473	93.2	52 71 263	7 4492
5988	8.8	39 9.19	3.2771	0.0035	8 43 50.6	1.821	0.477	92.8	66 68 151	8 4493
5989	7.9	39 10.46	3.2447	0.0034	7 21 47.8	1.820	0.472	93.2	50 70 262	7 4493
5990	8.2	39 37.28	3.3021	0.0035	9 46 19.6	1.781	0.480	92.8	59 61 141	9 4598
5991	9.3	17 40 57.27	+3.2315	+0.0032	−6 47 39.8	−1.665	+0.470	93.5	63 150 265	6 4646
5992	*7.0	41 5.74	3.2586	0.0033	7 56 31.0	1.652	0.474	93.2	50* 70 263	7 4497
5993	9.5	41 13.02	3.2596	0.0033	7 59 6.6	1.642	0.474	93.2	52 71 261	7 4498
5994	9.2	41 25.14	3.2855	0.0033	9 4 21.8	1.624	0.478	93.5	59 141 262	9 4601
5995	8.3	41 27.09	3.2322	0.0032	6 49 27.4	1.621	0.470	93.0	65 150	6 4647
5996	8.2	17 41 36.75	+3.2167	+0.0032	−6 10 3.6	−1.607	+0.468	93.5	148 152	6 4648
5997	8.3	41 43.20	3.2608	0.0033	8 2 4.8	1.598	0.474	93.0	66 149	8 4498
5998	8.8	41 44.47	3.2724	0.0033	8 31- 9.4	1.596	0.476	92.8	66 68 151	8 4499
5999	8.8	42 14.89	3.2253	0.0031	6 31 45.0	1.552	0.469	93.5	65 152 265	6 4651
6000	9.1	42 17.18	3.2972	0.0033	9 33 46.1	1.548	0.480	93.5	61 141 263	9 4604

[1] 30".0 31".0 32".9

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6001	9.0	17h 42m 47s.95	+3s.2742	+0s.0032	−8° 35′ 49″.9	−1″.504	+0″.476	93.0	66 149	8° 4503
6002	9.0	43 10.73	3.2982	0.0032	9 36 1.6	1.470	0.480	92.9	59 141	9 4606
6003	9.2	43 12.52	3.2288	0.0031	6 40 42.1	1.468	0.470	93.5	63 150 265	6 4653
6004	9.6	43 22.53	3.2957	0.0031	9 29 44.1	1.453	0.479	94.2	148 262 263	9 4607
6005	9.1	44 0.70	3.2790	0.0031	8 47 26.3	1.398	0.477	93.0	68 151	8 4506
6006	8.5	17 44 1.87	+3.2542	+0.0031	−7 45 3.3	−1.396	+0.473	92.5	50 70	7 4508
6007	8.8	44 30.75	3.2834	0.0030	8 58 26.5	1.354	0.478	93.5	68 151 265	8 4509
6008	8.9	44 49.52	3.2308	0.0030	6 45 33.1	1.327	0.470	93.0	65 150	6 4660
6009	8.8	45 5.47	3.2424	0.0029	7 15 5.7	1.303	0.473	92.4	50 52 70	7 4510
6010	*9.0	45 36.68	3.2333	0.0029	6 51 54.9	1.258	0.471	93.0	63 150*	6 4664
6011	9.3	17 45 41.99	+3.2675	+0.0029	−8 18 9.6	−1.250	+0.476	93.5	66 149 263	8 4513
6012	*8.4	46 13.11	3.2327	0.0029	6 50 11.1	1.205	0.471	93.0	65 150*	6 4667
6013	8.4	46 20.41	3.2185	0.0028	6 13 59.7	1.194	0.469	93.5	147a 148 152	6 4669
6014	8.6	46 29.89	3.3069	0.0029	9 57 7.0	1.181	0.482	92.8	59 61 141	9 4616
6015	9.1	46 43.93	3.2220	0.0028	6 22 56.8	1.160	0.470	93.5	148 152	6 4671
6016	9.1	17 46 53.18[1]	+3.2495	+0.0028	−7 32 43.7[2]	−1.147	+0.474	93.5	50 148 263	7 4513
6017	8.8	47 7.60	3.2490	0.0028	7 31 26.4[3]	1.126	0.474	93.2	50 70 263	7 4514
6018	6.5	47 17.03	3.2158	0.0027	6 7 8.7	1.112	0.468	93.0	65 152	6 4672
6019	9.6	47 17.55	3.2585	0.0028	7 55 36.9	1.111	0.475	94.5	262 265	7 4515 I
6020	9.2	47 17.94	3.2584	0.0028	7 55 21.4	1.111	0.475	93.5	52 71 261 265	7 4515 II
6021	7.7	17 47 33.14	+3.2577	+0.0028	−7 53 18.0	−1.089	+0.475	93.2	52 71 262	7 4517
6022	8.4	47 38.11	3.2803	0.0028	8 50 14.2	1.081	0.478	93.9	68 149 331	8 4517
6023	7.1	47 54.06	3.2108	0.0027	5 54 18.8	1.058	0.468	93.0	63 150	5 4523
6024	7.3	48 6.90	3.2767	0.0028	8 41 10.3	1.039	0.478	93.0	66 149	8 4520
6025	8.9	48 9.58	3.2779	0.0027	8 44 14.7	1.035	0.478	92.8	66 68 151	8 4521
6026	9.4	17 48 53.62	+3.2321	+0.0027	−6 48 28.0	−0.971	+0.471	93.5	73 150 265	6 4674
6027	7.0	49 32.52	3.2536	0.0026	7 42 48.3	0.915	0.474	93.2	50 70 263	7 4523
6028	9.1	49 36.31	3.3043	0.0026	9 50 11.0	0.909	0.482	92.8	59 61 141	9 4620
6029	8.3	49 44.84	3.2474	0.0026	7 27 13.4	0.897	0.473	92.5	52 71	7 4524
6030	9.2	50 11.50	3.2846	0.0026	9 0 53.9	0.858	0.479	93.0	68 151	8 4527
6031	*8.1	17 50 45.71	+3.2286	+0.0025	−6 39 22.3	−0.808	+0.471	92.8 93.0	63 65*a 150	6 4678
6032	9.0	50 50.08	3.2455	0.0025	7 22 19.8	0.802	0.473	92.5	52 71	7 4531
6033	8.6	50 55.59	3.3124	0.0025	10 10 22.4	0.794	0.483	92.8	59 61 141	10 4565
6034	9.5	50 57.42	3.2373	0.0025	7 1 28.2	0.791	0.472	94.0	148 263	7 4532
6035	9.1	50 58.28	3.2986	0.0025	9 35 51.5	0.790	0.481	94.0	141 262	9 4621
6036	8.5	17 51 5.54	+3.2258	+0.0025	−6 32 11.2	−0.779	+0.470	93.0	63 152	6 4679
6037	8.2	51 14.51	3.2842	0.0025	8 59 51.5	0.766	0.479	93.9	66 149 331	8 4529
6038	9.0	51 25.19	3.2535	0.0025	7 42 26.2	0.751	0.474	92.5	50 70	7 4533
6039	8.9	51 35.43	3.2289	0.0025	6 39 53.0	0.736	0.471	93.0	65 150	6 4681
6040	8.8	51 42.74	3.2291	0.0025	6 40 32.0	0.725	0.471	93.0	65 150	6 4682
6041	8.5	17 51 42.80	+3.2429	+0.0025	−7 15 34.7	−0.725	+0.473	92.5	52 71	7 4534
6042	7.6	51 43.40	3.2618	0.0025	8 3 18.8	0.724	0.475	93.0	66 149	8 4531
6043	9.0	52 23.20	3.2918	0.0024	9 18 43.4	0.666	0.480	94.0	145 263	9 4624
6044	9.4	52 27.88	3.3031	0.0024	9 46 56.4	0.659	0.481	92.8	59 61 148	9 4625
6045	9.5	52 39.50	3.2866	0.0024	9 5 40.1	0.642	0.479	94.5	262 265	9 4626
6046	7.9	17 53 11.72	+3.2726	+0.0023	−8 30 28.2	−0.595	+0.477	93.0	66 151	8 4534
6047	*8.6	53 21.01	3.2777	0.0023	8 43 11.2	0.582	0.478	94.5	151* 330	8 4535
6048	9.0	53 21.62	3.2185	0.0023	6 13 43.6	0.581	0.469	93.5	148 150	6 4685
6049	*8.8	53 25.91	3.2827	0.0023	8 55 52.0	0.575	0.479	94.5	151* 331	8 4536
6050	8.9	53 26.26	3.2846	0.0023	9 0 32.8	0.574	0.479	94.5	262 265	9 4631

[1] 53s.06 53s.29 53s.19   [2] 45″.3 42″.8 43″.0   [3] 24″.8 27″.8 26″.5

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6051	3.6	$17^h\ 53^m\ 31^s.22$	$+3^s.3026$	$+0^s.0025$	$-9° 45' 40''.9$	$-0''.567$	$+0''.482$		Fund. Cat.	9° 4632
6052	7.8	53 39.06	3.2282	0.0023	6 38 7.1	0.555	0.471	93.0	63 152	6 4688
6053	8.8	53 54.56	3.2331	0.0023	6 50 42.7	0.533	0.471	94.6	152 331	6 4689I
6054	8.6	53 54.64	3.2331	0.0023	6 50 50.8	0.533	0.471	94.6	152 331	6 4689II
6055	8.8	53 58.35	3.2682	0.0023	8 19 16.5	0.527	0.476	93.5	66 263	8 4538
6056	7.9	17 54 1.01	+3.2156	+0.0022	−6 6 13.4	−0.523	+0.468	93.0	73 150	6 4690
6057	9.2	54 19.06	3.2422	0.0023	7 13 47.4	0.497	0.473	93.5	70 261	7 4538
6058	9.3	54 31.06	3.2486	0.0022	7 29 44.5[1]	0.480	0.473	93.5 96.5	71 261 430δ	7 4540
6059	9.0	54 33.00	3.2361	0.0022	6 58 10.7	0.477	0.472	93.0	63 160	6 4692
6060	9.0	54 50.80	3.2965	0.0022	9 30 21.6	0.451	0.481	94.0	145 262	9 4637
6061	8.7	17 54 58.49	+3.2591	+0.0022	−7 56 19.0	−0.440	+0.475	93.1	71 156	7 4541
6062	8.5	55 0.95	3.2276	0.0022	6 36 37.3	0.436	0.470	94.1	160 265	6 4693
6063	8.6	55 10.37	3.2492	0.0022	7 31 17.2	0.422	0.474	93.5	70 263	7 4543
6064	8.8	55 23.28	3.2499	0.0022	7 33 7.6	0.403	0.474	93.1	70 160	7 4544
6065	9.1	55 28.65	3.2718	0.0022	8 28 18.3	0.396	0.477	93.5	148 149	8 4542
6066	8.6	17 55 40.65	+3.2155	+0.0021	−6 5 52.8	−0.378	+0.468	93.1	73 152	6 4694
6067	9.0	55 42.35	3.2161	0.0021	6 7 33.6	0.376	0.469	93.1	73 152	6 4695
6068	8.9	56 1.10	3.2502	0.0021	7 33 56.3	0.348	0.474	93.1	71 156	7 4546
6069	9.1	56 16.34	3.2855	0.0021	9 2 42.7	0.326	0.479	93.5	59 145 263	9 4639
6070	8.7	56 53.09	3.3111	0.0020	10 6 40.1	0.273	0.482	92.8	59 61 148	10 4588
6071	9.2	17 57 12.12	+3.2785	+0.0020	−8 45 7.4	−0.245	+0.478	93.5	66 149 262	8 4547
6072	8.6	57 35.26	3.2347	0.0020	6 54 37.4	0.211	0.472	93.0	73 150	6 4698
6073	*7.5	57 37.39	3.2687	0.0020	8 20 29.9	0.208	0.476	93.1	79 151*	8 4548
6074[2]	...	57 38.12	3.2649	0.0020	8 10 48.7	0.207	0.476	93.1	79 149	8 4549
6075	7.9	57 41.10	3.2528	0.0020	7 40 7.8	0.203	0.474	93.1	70 156	7 4550
6076	*8.5	17 57 50.42	+3.2666	+0.0020	−8 15 4.9	−0.189	+0.476	93.0	66 151	8 4550
6077	8.8	58 16.31	3.2529	0.0019	7 40 36.5	0.151	0.474	93.1	70 156	7 4554
6078	8.0	58 25.11	3.2905	0.0019	9 15 16.0	0.138	0.480	92.8	59 61 145	9 4642
6079	9.3	58 25.83	3.2592	0.0019	7 56 26.0	0.137	0.475	93.5	71 262	7 4555
6080	9.2	58 34.56	3.2809	0.0019	8 51 5.8	0.124	0.478	93.5	148 160	8 4551
6081	8.4	17 58 38.72	+3.2225	+0.0019	−6 23 35.0	−0.119	+0.470	94.5	150 330	6 4700
6082	9.2	58 39.92	3.2122	0.0018	5 57 18.7	0.117	0.468	94.5	152 330	5 4564
6083	9.6	58 50.11	3.2349	0.0019	6 55 6.6	0.102	0.472	93.5	73 262	6 4701
6084	9.0	58 55.23	3.2908	0.0019	9 15 53.3	0.094	0.480	93.5	59 145 263	9 4643
6085	9.2	58 56.23	3.3078	0.0019	9 58 26.5	0.093	0.482	94.1	160 265	9 4644
6086	9.6	17 59 30.52	+3.2784	+0.0018	−8 44 39.4	−0.043	+0.478	94.5	151 331	8 4554
6087	8.7	59 36.49	3.2216	0.0018	6 21 22.6	−0.034	0.469	93.0	63 150	6 4706
6088	8.4	59 41.15	3.2984	0.0018	9 34 59.8	−0.028	0.481	93.8	61 263. 265	9 4646
6089	8.3	18 0 15.24	3.2909	0.0018	9 16 9.5	+0.022	0.480	92.8	59 61 145	9 4649
6090	7.0	0 34.61	3.2635	0.0018	8 7 8.6	+0.050	0.475	93.0	66 149	8 4556
6091	9.1	18 0 38.83	+3.2622	+0.0018	−8 3 55.2[3]	+0.057	+0.475	93.0 96.2	66 149 428δ	8 4557
6092	6.3	0 40.54	3.2685	0.0018	8 19 53.7	0.059	0.476	93.1	79 151	8 4558
6093	8.7	0 57.97	3.2304	0.0017	6 43 41.8	0.085	0.471	93.0	73 150	6 4708
6094	8.9	1 12.31	3.2303	0.0017	6 43 15.7	0.105	0.471	93.0	73 150	6 4709
6095	9.2	1 37.57	3.2257	0.0017	6 31 43.8	0.142	0.470	93.5	148 160	6 4712
6096	9.5	18 1 56.37	+3.2464	+0.0017	−7 24 18.0	+0.169	+0.473	93.1	70 156	7 4561
6097	7.9	2 4.65	3.2890	0.0016	9 11 23.0	0.182	0.480	92.8	59 61 145	9 4652
6098	9.4	2 6.48	3.2447	0.0017	7 20 3.1	0.184	0.473	93.1	71 160	7 4562
6099	9.0	2 32.84	3.2843	0.0016	8 59 38.1	0.223	0.479	93.5	79 149 262	8 4562
6100	*6.9	2 44.64	3.2400	0.0016	7 7 58.8	0.240	0.472	93.2	70 147** 156	7 4564

[1] 44″.2 46″.5 (½) 43″.8 [2] Dpl. med., Z. 149: $5^m.5$ $5^m.8$ [3] 54″.4 56″.9 54″.3

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6101	9.6	18h 2m 52s.02	+3s.2127	+0s.0016	− 5° 58′ 39″.7	+0″.251	+0″.468	93.1	73 160	5° 4574
6102	8.8	3 6.64	3.3040	0.0015	9 48 55.7	0.272	0.481	93.5	145 152	9 4654
6103	8.2	3 14.62	3.2291	0.0016	6 40 35.1	0.284	0.471	93.5	63 150 263	6 4717
6104	9.0	3 40.11	3.2454	0.0015	7 21 44.9	0.321	0.473	93.1	71 156	7 4566
6105	9.4	3 40.46	3.2244	0.0015	6 28 25.2	0.322	0.470	93.9	148 150 263	6 4718
6106[1]	9.0	18 3 42.45	+3.2675	+0.0015	− 8 17 32.3	+0.324	+0.476	93.5	66 149 262	8 4563
6107	9.1	3 57.12	3.2681	0.0015	8 18 58.0	0.346	0.476	93.5	66 149 262	8 4564
6108	*7.9	4 13.39	3.2794	0.0015	8 47 26.0	0.369	0.478	93.9	77 151 331*	8 4566
6109	8.9	4 26.52	3.2589	0.0014	7 55 50.9	0.389	0.475	93.8	70 156 263 265	7 4568
6110	9.2	4 26.66[2]	3.2902	0.0014	9 14 37.5	0.389	0.480	92.5	59 61 81	9 4659
6111	9.0	18 4 27.36	+3.2738	+0.0014	− 8 33 17.3	+0.390	+0.477	93.2	79 148 151	8 4568
6112	9.1	4 33.33	3.3013	0.0014	9 42 21.6	0.399	0.481	93.5	145 152	9 4660
6113	9.0	6 14.61	3.2144	0.0014	6 2 57.0	0.546	0.468	93.5	63 148 150 262	6 4722
6114	8.2	6 17.10	3.2979	0.0013	9 34 6.5	0.550	0.480	92.5	59 61 81	9 4669
6115	7.0	6 33.48	3.2785	0.0013	8 45 10.2	0.574	0.477	93.9	66 149 331	8 4571
6116	9.2	18 6 37.76	+3.3097	+0.0013	−10 3 28.8	+0.580	+0.482	93.8	145 151 265	10 4624
6117	7.1	6 59.67	3.2444	0.0013	7 19 8.4	0.612	0.472	93.2	70 152 156	7 4571
6118	*8.5	7 8.40	3.2150	0.0013	6 4 41.7	0.625	0.468	93.5	5 Beob.[3]	6 4725
6119	9.2	7 8.46	3.2099	0.0013	5 51 51.0	0.625	0.468	93.6	73 160 262	5 4592
6120	9.1	7 41.35	3.2558	0.0012	7 48 4.9	0.673	0.474	93.0	71 152	7 4573
6121	9.0	18 7 50.58	+3.2321	+0.0013	− 6 48 13.8	+0.686	+0.470	93.0	63 150	6 4726
6122	8.8	8 14.05	3.2515	0.0011	7 37 22.2	0.720	0.473	93.2	70 151 156	7 4575
6123	9.3	8 36.07	3.3058	0.0011	9 53 54.6	0.752	0.482	93.2	59 81 263	9 4671
6124	9.2	8 51.38	3.2777	0.0011	8 43 24.7	0.775	0.477	92.9	66 79 149	8 4573
6125	9.1	8 54.35	3.2976	0.0011	9 33 20.2	0.779	0.480	93.5	145 152	9 4672
6126	8.9	18 8 56.94	+3.2700	+0.0011	− 8 24 10.1[4]	+0.783	+0.476	93.5	77 148 149 262	8 4574
6127	9.2	9 4.01	3.2928	0.0011	9 21 16.1	0.793	0.479	93.8	61 145 263 265	9 4673
6128	8.6	9 40.98	3.2322	0.0011	6 48 39.4	0.847	0.470	93.9	63 150 331	6 4729
6129	8.0	10 4.03	3.2727	0.0010	8 31 4.7	0.880	0.477	93.2	66 148 151	8 4578
6130	9.1	10 8.14	3.2131	0.0011	5 59 53.1	0.886	0.468	93.5	73 150 262	6 4731
6131	9.2	18 10 13.98	+3.3077	+0.0010	− 9 58 51.1	+0.895	+0.482	93.1	81 161	9 4675
6132	9.1	10 27.94	3.3112	0.0010	10 7 26.4	0.915	0.481	93.5	145 152	10 4639
6133	7.7	10 44.46	3.3044	0.0009	9 50 31.4	0.939	0.481	92.8	59 61 145	9 4676
6134	8.9	10 46.85	3.2692	0.0009	8 22 16.7	0.943	0.476	93.3	66 77 149 263	8 4580
6135	8.2	11 45.32	3.2426	0.0010	7 15 10.8	1.028	0.472	93.0	70 71 151 156	7 4580
6136	*6.7	18 11 53.74	+3.3031	+0.0008	− 9 47 32.6	+1.040	+0.481	92.5	59 61* 81*	9 4678
6137	8.0	11 57.95	3.2442	0.0009	7 19 19.2	1.046	0.472	93.0	70 71 151 156	7 4582
6138	8.9	12 9.73	3.2938	0.0008	9 24 14.6	1.064	0.480	93.8	145 154 262	9 4680
6139	9.0	12 14.07	3.3023	0.0008	9 45 36.5	1.070	0.481	93.5	147 154	9 4681
6140	9.1	12 26.69	3.3005	0.0008	9 41 6.3	1.088	0.481	93.5	147 152	9 4683
6141	8.8	18 12 35.12	+3.2932	+0.0008	− 9 22 41.6	+1.101	+0.479	94.0	145 263	9 4684
6142	8.7	12 36.06	3.3023	0.0008	9 45 24.4	1.102	0.480	92.5	59 61 81	9 4685
6143	7.2	12 40.77	3.2762	0.0008	8 40 15.8	1.109	0.476	92.9	66 79 149	8 4583
6144	9.3	12 46.35	3.2113	0.0009	5 55 39.0	1.117	0.467	93.9	73 150 331	5 4620
6145	*8.6	12 59.22	3.2126	0.0009	5 59 0.4	1.136	0.467	93.2	63 147[2*] 150	5 4621
6146	8.6	18 13 11.17	+3.2164	+0.0009	− 6 8 47.8	+1.153	+0.467	93.6	75 153 262	6 4737
6147	9.5	13 17.85	3.2967	0.0007	9 31 26.5	1.163	0.479	94.1	163 265	9 4687
6148	8.6	13 18.08	3.2304	0.0008	6 44 21.9	1.163	0.469	93.9	73 161 330	6 4738
6149	8.5	13 57.67	3.3045	0.0006	9 51 20.5	1.221	0.480	93.5	148 152	9 4690
6150	9.1	14 6.23	3.2973	0.0006	9 33 15.3	1.233	0.479	93.5	147 163	9 4691

[1] Dpl. praec. [2] 26s.55 26s.64 26s.79 [3] ZZ. 63 147[2*] 148 150 263 [4] 10″.7 7″.9(½) 10″.4 10″.3

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6151[1]	9.5	18h 14m 11s.85	+3s.2223	+0s.0008	−6° 23′ 43″.8	+1″.241	+0″.468	93.5	75 150 263	6° 4740
6152	9.0	14 19.51	3.2193	0.0008	6 16 5.6	1.253	0.468	93.1	73 161	6 4741
6153	*7.5	14 34.64	3.2990	0.0006	9 37 51.6	1.274	0.480	92.9	61 145	9 4692
6154	6.2	14 38.79	3.2608	0.0007	8 1 23.5	1.281	0.474	93.0	66 149	8 4585
6155	8.9	14 41.28	3.2742	0.0006	8 35 30.3	1.284	0.476	93.0	77 149	8 4586
6156	9.0	18 15 22.47	+3.2822	+0.0006	−8 55 27.7	+1.344	+0.477	93.1	79 151	8 4588
6157	9.0	15 25.67	3.2328	0.0007	6 50 25.4	1.349	0.470	93.0	73 150	6 4744
6158	9.7	15 59.60	3.2680	0.0006	8 19 42.1	1.398	0.475	94.0	151 265	8 4593
6159	9.6	16 1.85[2]	3.2108	0.0007	5 54 39.3	1.401	0.467	97.6 95.1	262 332 431a	5 4634
6160	8.8	16 6.13	3.2898	0.0005	9 14 49.9	1.408	0.478	93.0	61 148	9 4698
6161	7.6	18 16 45.95	+3.2493	+0.0005	−7 32 43.9	+1.466	+0.472	93.1	70 156	7 4589
6162	9.4	16 46.17	3.2145	0.0006	6 4 21.4	1.466	0.467	93.0	73 150	6 4745
6163	9.1	17 3.74	3.2360	0.0005	6 58 51.2	1.491	0.470	93.1	71 161	7 4590
6164	8.9	17 17.91	3.2533	0.0005	7 42 41.9	1.512	0.473	92.9	70 79 151	7 4592
6165	9.0	17 57.01	3.2898	0.0004	9 15 1.3	1.569	0.477	93.5	147 152	9 4709
6166	8.5	18 18 4.74	+3.2117	+0.0005	−5 57 6.8	+1.580	+0.466	93.1	73 160	5 4647
6167	*5.3	18 10.85	3.2835	0.0003	8 59 10.6	1.589	0.476	92.9	61 81 163*	9 4712
6168	8.1	18 13.10	3.2198	0.0005	6 18 3.9	1.592	0.467	93.1	75 153	6 4751
6169[3]	9.0	18 21.57	3.3065	0.0002	9 56 58.5	1.605	0.480	93.5	145 154	9 4713
6170	8.9	18 57.74	3.2337	0.0004	6 53 15.4	1.657	0.469	93.5	147 150	6 4752
6171	9.3	18 18 58.29	+3.2108	+0.0005	−5 55 14.6	+1.658	+0.466	93.6	148 161	5 4650
6172	8.8	18 59.91	3.2168	0.0005	6 10 7.9	1.660	0.467	93.5	147 153	6 4753
6173	7.6	19 3.24	3.2653	0.0004	8 13 35.3	1.665	0.474	93.0	66 149	8 4599
6174	9.0	19 3.91	3.2486	0.0004	7 31 19.1	1.666	0.471	93.0	70 151	7 4596
6175	9.0	19 14.37	3.2933	0.0003	9 24 5.3	1.681	0.478	93.9	145 154 263	9 4719
6176	6.4	18 19 17.21	+3.2393	+0.0004	−7 7 43.2	+1.685	+0.470	93.1	71 156	7 4598
6177	8.9	19 20.50	3.2282	0.0003	6 39 27.9	1.690	0.468	94.6	163 262 265 331	6 4755I
6178[4]	...	19 20.53	3.2282	0.0003	6 39 26.6	1.690	0.468	93.1	75 152	6 4755M
6179	*7.7	19 20.62[5]	3.2282	0.0003	6 39 21.8	1.690	0.468	94.6	163* 262 265 331	6 4755II
6180	8.9	19 39.39	3.3095	0.0001	10 5 1.0	1.718	0.480	93.1	81 160	10 4690
6181	9.0	18 19 53.73	+3.2563	+0.0003	−7 51 3.3	+1.738	+0.472	93.2	79 148 156	7 4600
6182	8.9	20 8.20	3.2252	0.0003	6 31 57.5	1.760	0.468	93.5	147 150	6 4758
6183	8.4	20 12.83	3.3029	0.0001	9 48 31.5	1.766	0.479	93.5	61 145 263	9 4729
6184	8.7	20 31.35	3.2959	0.0001	9 30 54.9	1.793	0.478	93.5	145 154	9 4731
6185	8.2	20 40.85	3.2648	0.0002	8 12 30.4	1.807	0.474	93.0	66 149	8 4605
6186	7.8	18 20 48.03	+3.2521	+0.0002	−7 40 33.5	+1.817	+0.472	93.9	70 156 332	7 4602
6187	8.7	20 50.88	3.2287	0.0002	6 40 55.1	1.822	0.468	93.1	73 152	6 4761
6188	7.6	21 1.87	3.2656	0.0002	8 14 35.3	1.838	0.474	93.0	66 149	8 4606
6189	7.9	21 4.50	3.2897	0.0001	9 15 33.9	1.841	0.477	92.9	61 81 163	9 4736
6190	8.3	21 5.79	3.2405	0.0002	7 11 3.7	1.843	0.470	93.1	71 156	7 4603
6191	9.0	18 21 20.06	+3.2702	+0.0002	−8 26 14.7	+1.864	+0.474	92.9	77 79 151	8 4608
6192	8.1	21 28.61	3.2239	0.0003	6 28 44.6	1.876	0.467	93.1	75 153	6 4762
6193	8.0	21 34.27	3.2196	0.0003	6 17 53.6	1.885	0.467	93.5	147 150	6 4763
6194	8.7	21 35.05	3.2260	0.0002	6 34 15.4	1.886	0.468	93.6	84 153 263	6 4764
6195	8.7	21 40.50	3.2820	0.0001	8 56 13.8	1.894	0.476	93.2	77 148 151	8 4610
6196	*6.7	18 21 42.63	+3.2621	+0.0002	−8 5 59.8	+1.897	+0.472	93.2	66 147a* 149	8 4611
6197	9.2	22 1.40	3.2203	0.0003	6 19 52.5	1.924	0.466	93.5	147 160	6 4765
6198[6]	9.5	22 22.26[7]	3.2854	0.0000	9 4 47.8	1.954	0.476	93.9	145 161 262	9 4739
6199	9.1	22 36.51	3.2160	0.0002	6 8 52.7	1.975	0.465	93.1	73 152	6 4767
6200	8.1	22 45.05	3.2175	0.0002	6 12 46.5	1.987	0.466	93.0	75 150	6 4769

[1] 9m.6 nahe [2] 1s.72 1s.96 1s.88 [3] Z. 145: 9m.5 praec. 2s parall. [4] Dpl. med. [5] 20s.62 20s.66(½) 20s.63 20s.58
[6] 9m.6 nahe seq. [7] 22s.22 22s.31 22s.19(½)

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6201	9.5	18^h 22^m $50^s.22$	$+3^s.2988$	$-0^s.0001$	$-9^\circ 38' 48''.8$	$+1''.995$	$+0''.478$	93.6	148 161	9° 4742
6202	8.9	23 3.37	3.2095	+0.0002	5 52 12.8	2.014	0.464	93.1	80 163	5 4665
6203	9.1	23 20.43	3.3001	−0.0002	9 42 9.8	2.039	0.478	93.0	61 147	9 4745
6204	8.9	23 46.86	3.2744	−0.0001	8 37 33.2	2.077	0.474	93.5	148 149	8 4617
6205	8.3	24 5.82	3.2917	−0.0001	9 21 13.2	2.104	0.476	93.0	61 147	9 4749
6206	8.6	18 24 26.47	+3.2443	0.0000	−7 21 10.8	+2.134	+0.469	93.1 92.9	70δ 80 156	7 4609
6207	7.4	25 47.74	3.2090	0.0000	5 51 29.5	2.252	0.464	93.2	73 150 163	5 4678
6208	9.1	25 57.55	3.2964	−0.0004	9 33 30.6	2.266	0.477	92.9	61 81 161	9 4756
6209	8.6	26 26.14	3.2284	0.0001	6 40 56.8	2.308	0.467	93.2	75 148 150	6 4779
6210	9.2	26 26.88	3.2860	0.0003	9 7 19.9	2.309	0.475	93.5	145 154	9 4761
6211	8.1	18 26 36.44	+3.2166	−0.0001	−6 11 7.9	+2.323	+0.465	92.9	73 84 152	6 4783
6212	8.9	26 40.53	3.2772	0.0003	8 45 30.3	2.329	0.474	93.1	66 77 149 163	8 4626
6213	*7.9	26 42.49	3.2935	0.0003	9 26 28.6	2.331	0.476	92.9	61 81 161*	9 4762
6214	7.8	26 47.19	3.2568	0.0002	7 53 49.8	2.338	0.471	93.2 93.1	70δ 71 152 156	7 4617
6215	*8.8	27 13.25	3.2609	0.0003	8 4 7.1	2.376	0.471	93.3	66 79* 149 263	8 4627
6216	7.9	18 27 53.26	+3.2743	−0.0004	−8 38 27.4	+2.434	+0.473	93.3	77 147 149 163	8 4631
6217	8.5	27 58.71	3.2151	0.0002	6 7 19.9	2.442	0.462	93.1	75 80 150 153	6 4789
6218	6.4	28 1.58	3.2119	0.0002	5 59 7.0	2.446	0.464	93.2	73 148 150	6 4791
6219	8.7	28 16.73	3.3078	0.0006	10 3 6.0	2.468	0.478	93.2	61 81 263	10 4719
6220	9.2	28 36.68	3.2651	0.0004	8 15 20.9	2.497	0.471	93.9	66 152 332	8 4633
6221	*7.5	18 28 47.00	+3.2541	−0.0004	−7 47 19.0	+2.512	+0.469	93.1 92.9	70δ 71* 156	7 4623
6222	9.2	28 51.90	3.3005	0.0006	9 44 50.9	2.519	0.476	93.5	145 154	9 4767
6223	9.0	28 54.47	3.3059	0.0006	9 58 21.0	2.523	0.477	93.5	145 161	10 4722
6224	8.9	28 59.15	3.2632	0.0004	8 10 30.4	2.529	0.471	93.0	66 149	8 4634
6225	9.2	29 19.35	3.2505	0.0004	7 38 18.4	2.558	0.469	93.2	71 156 163	7 4624
6226	8.6	18 29 44.39	+3.2941	−0.0006	−9 28 52.5	+2.595	+0.475	93.1	81 161	9 4768
6227	9.1	29 45.73	3.2471	0.0004	7 29 36.8	2.597	0.468	93.6	80 156 263	7 4627
6228	[4.2]	29 45.92	3.2664	0.0005	8 18 48.4	2.597	0.471	93.2	77 152 158	8 4638
6229	8.6	29 53.42	3.2857	0.0006	9 7 51.1	2.608	0.474	93.5	145 154	9 4770
6230	8.7	30 2.62	3.2961	0.0007	9 33 59.6	2.621	0.476	93.1	81 161	9 4771
6231	8.4	18 30 3.36	+3.2772	−0.0006	−8 46 9.3	+2.622	+0.473	93.2	79 149 163	8 4639
6232	7.2	30 44.69	3.2312	0.0005	6 49 21.4	2.682	0.466	93.3	73 147 150 163	6 4805
6233	8.3	31 20.16	3.2237	0.0005	6 30 13.4	2.733	0.465	93.1	75 153	6 4809
6234	8.5	31 38.90	3.2514	0.0006	7 41 12.3	2.760	0.468	93.1	71 156	7 4633
6235	9.1	31 48.49	3.2765	0.0007	8 45 14.0	2.774	0.472	93.0	66 149	8 4656
6236	*9.1	18 31 48.99	+3.2267	−0.0005	−6 38 18.4	+2.775	+0.465	93.1	73 160*	6 4810
6237	9.0	31 51.74	3.2279	0.0005	6 41 19.0	2.779	0.465	93.1	73 153	6 4811
6238	9.1	32 1.93	3.2161	0.0004	6 10 54.7	2.793	0.463	96.2 98.0	80a 150 428	6 4812
6239	9.1	32 11.20	3.2709	0.0008	8 30 51.9	2.807	0.471	93.6	77 158 263	8 4658
6240	9.2	32 12.80	3.2773	0.0008	8 47 6.4	2.809	0.472	93.2 93.0	66 149a 152	8 4660
6241	7.7	18 32 17.38	+3.2451	−0.0006	−7 25 9.5	+2.816	+0.467	93.5 93.2	70δ 147 156	7 4636
6242	9.1	32 20.75	3.2782	0.0008	8 49 34.7	2.821	0.472	93.1	79 158	8 4661
6243	8.2	32 27.83	3.2325	0.0006	6 52 55.2	2.831	0.466	93.3	75 148 163 167	6 4816
6244	8.6	32 28.52	3.2833	0.0008	9 2 25.2	2.832	0.473	93.3	61 81 145 263	9 4779
6245	8.8	32 33.37	3.2523	0.0007	7 43 45.5	2.839	0.468	93.5	147 161	7 4638
6246	*8.2	18 32 36.54	+3.2324	−0.0006	−6 52 45.1	+2.843	+0.466	93.4	5 Beob.[1]	6 4817
6247	9.1	32 51.04	3.2185	0.0005	6 17 11.3	2.864	0.463	93.1	84 150	6 4820
6248	9.1	32 58.49	3.2438	0.0006	7 21 55.6	2.875	0.467	93.1	70 160	7 4640
6249	8.7	32 59.09	3.2750	0.0008	8 41 30.9	2.876	0.472	93.1	77 161	8 4665
6250	8.8	32 59.57	3.3082	0.0009	10 5 28.4	2.877	0.476	93.1	81 154	10 4738

[1] ZZ. 75 148 153 163* 167

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6251	8.3	18h 33m 16s.67	+3s.2136	−0s.0005	−6° 4′ 39″.1	+2″.901	+0″.462	93.1	80 164	6° 4823
6252	8.8	33 38.04	3.2573	0.0008	7 56 51.9	2.932	0.469	93.1	71 161	7 4642
6253	8.9	33 42.67	3.2070	0.0006	5 48 0.7	2.939	0.461	93.1	75 153	5 4714
6254	8.6	33 50.06	3.2723	0.0009	8 35 5.5	2.950	0.470	93.1	79 152	8 4668
6255	9.1	34 10.92	3.2439	0.0007	7 22 27.7	2.980	0.466	93.5	147 156	7 4644
6256	8.9	18 34 15.13	+3.2455	−0.0007	−7 26 37.5	+2.986	+0.466	93.1	156 266	7 4645
6257	6.1	34 34.98	3.2556	0.0008	7 52 48.2	3.014	0.468	93.1	71 160	7 4648
6258	9.0	34 39.69	3.2656	0.0008	8 18 16.1	3.021	0.469	93.1	79 158	8 4670
6259	9.1	34 45.47	3.2430	0.0007	7 20 27.6	3.029	0.466	94.1	163 267	7 4650
6260	8.7	34 45.57	3.2084	0.0006	5 51 45.7	3.030	0.461	93.0	73 150	5 4717
6261	8.2	18 34 52.78	+3.2875	−0.0009	−9 13 53.0	+3.040	+0.473	92.9	61 81 167	9 4790
6262	9.2	35 7.85	3.2618	0.0009	8 8 50.0	3.062	0.469	94.3	83 270 333	8 4672
6263[1]	7.7	35 11.16	3.2069	0.0007	5 47 57.7	3.066	0.460	92.9	73 75 150	5 4719
6264	9.1	35 18.71	3.2599	0.0009	8 3 53.9	3.077	0.468	93.3 93.1	77 158a 161	8 4674
6265	7.5	35 20.42	3.2775	0.0010	8 48 36.9	3.080	0.471	93.0	66 149	8 4675
6266	9.0	18 35 39.66	+3.2643	−0.0009	−8 15 11.6	+3.108	+0.469	93.1	83 152	8 4676
6267	9.0	35 42.53	3.2680	0.0009	8 24 41.6	3.112	0.470	93.1	163 265	8 4677
6268	8.7	35 47.69	3.2944	0.0011	9 31 43.7	3.119	0.474	92.9	61 145	9 4791
6269	8.3	36 3.22	3.2728	0.0010	8 37 6.3	3.141	0.470	93.0	66 149	8 4679
6270	8.9	36 11.01	3.2270	0.0008	6 40 3.1	3.153	0.464	93.1	80 153	6 4835
6271	8.9	18 36 12.71	+3.2618	−0.0009	−8 8 54.1	+3.155	+0.468	94.6	263 265	8 4680
6272	9.0	36 13.02	3.2151	0.0007	6 9 16.3	3.156	0.462	93.1	84 168	6 4836
6273	9.0	36 14.13	3.2383	0.0008	7 9 1.7	3.157	0.465	93.5	147 160	7 4659
6274	9.3	36 16.45	3.2567	0.0009	7 56 10.2	3.160	0.467	93.1	71 167	7 4660
6275	8.0	36 17.87	3.2433	0.0008	7 21 55.1	3.163	0.465	93.5	148 156	7 4661
6276	9.3	18 36 19.63	+3.2547	−0.0009	−7 51 8.0	+3.165	+0.467	94.3 95.1	71a 269 333	7 4663
6277	9.0	36 32.96	3.2870	0.0011	9 13 22.6	3.184	0.472	93.1	81 154	9 4793
6278	8.6	36 46.90	3.2870	0.0011	9 13 34.0	3.204	0.472	93.1	81 154	9 4795
6279	5.2	36 47.89	3.2852	0.0011	9 8 54.0	3.206	0.471	92.9	61 145	9 4796
6280	6.8	36 53.33	3.2448	0.0009	7 25 58.4	3.214	0.465	93.5	148 156	7 4664
6281	*8.7	18 36 53.57	+3.2956	−0.0012	−9 35 10.5	+3.214	+0.473	93.5	145* 164	9 4798
6282	9.0	36 57.89	3.2324	0.0009	6 54 5.9	3.220	0.464	93.1	80 153	6 4843
6283	9.0	36 59.68	3.2427	0.0009	7 20 27.4	3.223	0.465	94.1	163 266	7 4667
6284	8.9	37 10.37	3.2445	0.0009	7 25 2.3	3.238	0.465	93.5	148 156	7 4669
6285	8.2	37 10.52	3.2519	0.0010	7 44 2.9	3.238	0.466	94.1	160 266	7 4668
6286	*9.0	18 37 12.10	+3.2944	−0.0012	−9 32 14.2	+3.241	+0.473	93.5	145* 164	9 4800
6287	6.0	37 12.33	3.2387	0.0009	7 10 12.0	3.241	0.465	94.1	167 267	7 4670
6288	9.0	37 18.64	3.2532	0.0010	7 47 21.8	3.250	0.466	94.1	160 269	7 4672
6289	8.8	37 20.33	3.2360	0.0009	7 3 20.3	3.252	0.464	94.1	161 267	7 4673
6290	*8.8	37 28.25	3.3074	0.0013	10 5 19.0	3.264	0.474	94.1	168* 269	10 4764
6291	8.1	18 37 34.82	+3.2879	−0.0012	−9 16 1.7	+3.273	+0.472	94.1	154 265	9 4802
6292	9.2	37 36.33	3.2094	0.0008	5 55 5.7	3.275	0.461	93.6	73 263	5 4734
6293	8.5	37 42.11	3.2536	0.0010	7 48 48.5	3.284	0.466	93.6	147 167	7 4675
6294	8.5	37 46.17	3.2364	0.0009	7 4 37.1	3.290	0.464	94.1	161 267	7 4677
6295	8.6	37 46.91	3.2331	0.0009	6 56 8.0	3.291	0.464	93.1	75 153	6 4852
6296	8.9	18 37 49.48	+3.2801	−0.0011	−8 56 17.8	+3.294	+0.471	94.1	77 333	8 4685
6297	9.0	37 55.31	3.2142	0.0009	6 7 19.5	3.303	0.461	94.1	84 334	6 4853
6298	9.0	37 58.75	3.2850	0.0012	9 8 42.4	3.308	0.471	94.1	154 270	9 4804
6299	8.9	38 0.63	3.2914	0.0012	9 25 7.3	3.310	0.472	94.1	164 270	9 4805
6300	7.5	38 3.39	3.2065	0.0009	5 47 37.6	3.314	0.460	93.6	73 263	5 4736

[1] Z. 150: Dpl.? maj.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6301	5.0	18h 38m 4s.47	+3s.2668	−0s.0009	−8° 22' 26".5	+3".316	+0".470		**Fund. Cat.**	8° 4686
6302	7.4	38 7.35	3.2690	0.0011	8 28 0.6	3.320	0.469	93.0	66 149	8 4687
6303	8.8	38 13.77	3.2344	0.0010	6 59 27.1	3.329	0.464	95.1	266 334	7 4681
6304	8.3	38 18.18	3.2540	0.0011	7 49 48.8	3.336	0.466	93.6	148 167	7 4683
6305	9.0	38 19.16	3.2981	0.0013	9 42 10.8	3.337	0.473	93.1	81 168	9 4809
6306	8.1	18 38 22.57	+3.2820	−0.0012	−9 1 21.9	+3.342	+0.471	95.1	269 333	9 4811
6307	6.0	38 27.78	3.2326	0.0010	6 54 59.7	3.350	0.464	93.1	75 153	6 4859
6308	8.9	38 32.93	3.2150	0.0009	6 9 43 0	3.357	0.461	93.6	84 263	6 4860
6309	8.6	39 2.77	3.2513	0.0011	7 43 10.7	3.400	0.465	93.1	71 156	7 4687
6310	9.0	39 2.97	3.2911	0.0013	9 24 39.5	3.400	0.471	93.5	145 163	9 4815
6311	8.0	18 39 9.42	+3.2395	−0.0010	−7 12 42.5	+3.409	+0.464	93.5	147 161	7 4689
6312	8.7	39 9.71	3.2505	0.0011	7 41 6.0	3.410	0.465	93.1	71 156	7 4688
6313	*7.5	39 18.24	3.2260	0.0010	6 38 15.0	3.422	0.462	94.0	152 265*	6 4869
6314	8.9	39 19.31	3.2634	0.0012	8 14 12.3	3.424	0.467	93.1	83 164	8 4692
6315	*8.1	39 21.98	3.2284	0.0010	6 44 19.4	3.427	0.462	94.1	153 265*	6 4871
6316	*8.8	18 39 27.59	+3.2214	−0.0010	−6 26 31.5	+3.435	+0.461	94.2	163 263 265*	6 4872
6317	8.8	39 32.80	3.2502	0.0012	7 40 33.8	3.443	0.465	93.2	71 148 155	7 4692
6318	8.8	39 42.56	3.2931	0.0014	9 30 2.5	3.457	0.472	92.9	61 81 167	9 4819
6319	8.6	39 49.71	3.2361	0.0011	7 4 19.1	3.467	0.463	93.5	147 161	7 4694
6320	9.0	40 13.01	3.2154	0.0010	6 11 0.8	3.501	0.461	93.1	75 160	6 4879
6321	9.0	18 40 13.22	+3.2503	−0.0012	−7 40 57.2	+3.501	+0.465	94.1	156 266	7 4696
6322	8.0	40 15.85	3.2726	0.0013	8 38 7.8	3.505	0.469	93.0	77 149	8 4695
6323	8.6	40 22.97	3.2241	0.0011	6 33 32.8	3.515	0.462	93.1	80 150	6 4882
6324	8.1	40 24.02	3.3072	0.0015	10 6 11.8	3.516	0.473	93.5	145 154	10 4788
6325[1]	...	40 32.49	3.2948	0.0014	9 34 40.9	3.529	0.472	93.5	145 154	9 4828
6326	8.1	18 40 40.16	+3.2192	−0.0010	−6 21 24.2	+3.540	+0.461	93.1	73 152	6 4885
6327	8.4	40 41.74	3.2207	0.0010	6 25 4.0	3.542	0.461	93.1	73 161	6 4886
6328	8.8	40 49.40	3.2167	0.0010	6 14 44.9	3.553	0.461	93.1	80 153	6 4888
6329	8.8	41 3.97	3.2702	0.0014	8 32 18.3	3.574	0.468	94.1	158 265	8 4699
6330	7.2	41 10.30	3.2629	0 0013	8 13 32.5	3.583	0.466	93.6	83 149a 263	8 4701
6331	8.6	18 41 12.34	+3.2585	−0.0013	−8 2 16.8	+3.586	+0.465	94.1	158 265	8 4702
6332	9.0	41 17.11	3.2617	0.0013	8 10 27.2	3.593	0.466	93.1	83 149	8 4703
6333	7.9	41 23.55	3.2295	0.0012	6 47 48.5	3.602	0.461	93.0	75 150	6 4893
6334	7.0	41 29.69	3.2503	0.0013	7 41 9.5	3.611	0.464	93.1	71 155	7 4700
6335	9.1	41 32.89	3.2142	0.0011	6 8 47.0	3.615	0.459	93.6	148 161	6 4894
6336	7.1	18 41 47.14	+3.2110	−0.0011	−6 0 21.4	+3.636	+0.459	93.5	148 152	6 4897
6337	8.7	41 55.20	3.2907	0.0015	9 24 57.8	3.647	0.470	93.1	81 154	9 4835
6338	5.9	42 8.64	3.2065	0.0011	5 48 44.4	3.667	0.458	93.1	84 160	5 4760
6339	8.7	42 17.80	3.2345	0.0013	7 0 55.7	3.680	0.462	93.5	147 156	7 4710
6340	9.0	42 19.12	3.2281	0.0012	6 44 38.6	3.682	0.461	93.1	75 163	6 4905
6341	9.1	18 42 21.63	+3.2188	−0.0012	−6 20 31.1	+3.685	+0.460	93.1	73 163	6 4906
6342	8.7	42 24.62	3.2377	0.0013	7 9 16.6	3.689	0.462	93.5	147 155	7 4713
6343	9.1	42 36.41	3.2837	0.0015	9 7 18.8	3.706	0.469	93.1	81 164	9 4838
6344	9.3	42 39.55	3.2859	0.0015	9 13 4.8	3.711	0.470	93.5	145 164	9 4839
6345	8.8	42 51.28	3.2466	0.0014	7 32 26.7	3.728	0.464	94.1	156 266	7 4717
6346	8.8	18 43 9.46	+3.2740	−0.0015	−8 42 44.9	+3.754	+0.467	93.0	77 149	8 4712
6347	8.6	43 11.29	3.2241	0.0013	6 34 32.8	3.756	0.460	93.1	80 150	6 4910
6348	9.3	43 11.60	3.2770	0.0016	8 50 22.7	3.757	0.468	94.1	161 265	8 4713
6349	8.4	43 11.74	3.2396	0.0013	7 14 35.4	3.757	0.462	94.1	155 266	7 4721
6350	9.0	43 16.93	3.2132	0.0012	6 6 25.3	3.764	0.458	93.1	84 153	6 4912

[1] Z. 145: 8m.9, Z. 154: Dpl. (8m.9 9m.0)? med.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6351	6.3	18h 43m 18.10	+3.2134	−0.0012	−6° 6' 59.1	+3.766	+0.458	93.1	84 153	6° 4913
6352	9.0	43 25.53	3.2839	0.0016	9 8 5.8	3.777	0.468	93.5	145 154	9 4840
6353	*8.7	43 29.24	3.2828	0.0016	9 5 23.3	3.782	0.468	93.1 96.2	81* 154 428δ	9 4841
6354	8.6	43 30.39	3.2212	0.0012	6 27 22.1	3.784	0.459	93.6	148 163	6 4916
6355	7.5	43 32.01	3.2705	0.0015	8 34 12.7	3.786	0.467	93.1	77 152	8 4714
6356	8.8	18 43 40.42	+3.2357	−0.0014	−7 4 39.3	+3.798	+0.461	98.0	147 431	7 4723
6357	8.7	43 41.61	3.3057	0.0018	10 3 47.6	3.800	0.471	93.5	61 269	10 4815
6358	*8.9	43 45.28	3.2324	0.0014	6 56 19.5	3.805	0.461	94.1	160* · 265	6 4917
6359	7.0	43 53.23	3.2670	0.0015	8 25 26.8	3.816	0.466	93.1	79 149	8 4717
6360	9.1	44 3.80	3.2171	0.0013	6 16 33.5	3.832	0.459	93.6	148 163	6 4919
6361	*7.9	18 44 9.08	+3.2497	−0.0015	−7 40 48.6	+3.839	+0.463	93.1	71 156*	7 4726
6362	8.7	44 9.49	3.2839	0.0016	9 8 23.1	3.840	0.468	93.5	145 167	9 4847
6363	*8.8	44 19.86	3.2112	0.0013	6 1 33.1	3.855	0.458	93.0	75 150*	6 4922
6364	9.2	44 20.02	3.2323	0.0014	6 56 7.2	3.855	0.461	93.1	80 160	6 4921
6365	*7.8	44 21.09	3.2119	0.0013	6 3 25.5	3.856	0.458	93.0	75 150*	6 4923
6366	8.6	18 44 24.67	+3.2643	−0.0016	−8 18 21.3	+3.861	+0.465	93.1	83 149	8 4721
6367	8.8	44 29.76	3.2474	0.0015	7 35 8.2	3.869	0.463	94.1	71 333	7 4729
6368	8.9	44 36.79	3.2798	0.0017	8 58 9.9	3.879	0.468	94.1	161 269	9 4849
6369	8.6	44 38.78	3.2687	0.0016	8 29 59.6	3.882	0.466	93.6	77 158 272	8 4723
6370	8.8	44 39.30	3.2812	0.0017	9 1 51.7	3.882	0.468	94.5	145 333	9 4850
6371	9.0	18 44 41.75	+3.2247	−0.0014	−6 36 46.1	+3.886	+0.460	93.1	73 153	6 4924
6372	8.7	44 43.30	3.2228	0.0014	6 31 52.4	3.888	0.460	94.1	168 270	6 4925
6373	8.9	44 45.26	3.2127	0.0013	6 5 37.4	3.891	0.458	93.6	148 167	6 4926
6374[1]	7.0	44 54.31	3.2575	0.0015	8 1 20.7	3.904	0.464	94.0	152 265	8 4726
6375	8.6	44 57.98	3.2427	0.0014	7 23 3.3	3.909	0.462	94.1	155 266	7 4733
6376	8.8	18 45 1.63	+3.2335	−0.0015	−6 59 23.2	+3.914	+0.460	93.9	147 155 275	7 4735
6377	8.5	45 5.75	3.2367	0.0015	7 7 36.9	3.920	0.461	94.6	263 267	7 4736
6378	9.1	45 7.05	3.2977	0.0018	9 44 18.4	3.922	0.469	94.1	154 269	9 4852
6379	8.7	45 7.37	3.2436	0.0015	7 25 35.6	3.923	0.462	94.6	263 266	7 4737
6380	9.0	45 11.05	3.2802	0.0017	8 59 37.4	3.928	0.467	93.2	61 145 161	9 4854
6381	8.4	18 45 15.41	+3.2558	−0.0016	−7 57 13.3	+3.934	+0.464	94.1	152 267	7 4739
6382	8.8	45 20.64	3.2591	0.0016	8 5 45.2	3.941	0.464	93.1	83 158	8 4729
6383	8.9	45 28.20	3.3025	0.0019	9 56 37.0	3.952	0.470	94.1	163 270	9 4858
6384	6.1	45 28.46	3.3012	0.0019	9 53 25.6	3.953	0.470	94.1	164 270	9 4859
6385	8.6	45 44.35	3.2549	0.0016	7 54 56.6	3.975	0.464	94.1	156 267	7 4740
6386	8.6	18 45 46.04	+3.2196	−0.0014	−6 23 45.6	+3.978	+0.458	93.1	73 167	6 4929
6387	8.1	45 47.15	3.2583	0.0016	8 3 44.0	3.979	0.464	94.1	158 265	8 4732
6388	7.4	45 47.67	3.2598	0.0016	8 7 37.3	3.980	0.464	93.1	79 149	8 4733
6389	8.9	45 50.43	3.2839	0.0018	9 9 29.4	3.984	0.467	94.1	164 271	9 4862
6390	8.9	45 50.48	3.2890	0.0019	9 22 28.7	3.984	0.468	95.1	271 334	9 4861
6391	9.0	18 45 54.81	+3.2213	−0.0014	−6 28 11.1	+3.990	+0.458	93.1	84 168	6 4932
6392	8.8	45 55.54	3.2210	0.0014	6 27 31.1	3.991	0.458	93.1	84 168	6 4933
6393	8.9	45 58.19	3.2392	0.0015	7 14 41.2	3.995	0.461	94.0	147 263	7 4741
6394	8.6	46 11.26	3.3004	0.0020	9 51 34.4	4.014	0.470	93.6	148 163	9 4863
6395	8.9	46 13.24	3.2691	0.0017	8 31 26.0	4.017	0.465	94.3	77 272 333	8 4736
6396	9.0	18 46 21.47	+3.2897	−0.0019	−9 24 28.5	+4.028	+0.468	93.5	145 160	9 4864
6397	8.7	46 31.02	3.2891	0.0019	9 23 5.7	4.042	0.468	95.1	269 334	9 4866
6398	9.2	46 36.44	3.2842	0.0018	9 10 39.2	4.050	0.468	93.6	81 263	9 4867
6399	8.8	46 37.48	3.2490	0.0017	7 39 52.9	4.051	0.462	93.1	71 156	7 4744
6400	7.8	46 38.22	3.2848	0.0018	9 12 6.0	4.052	0.468	93.1	81 154	9 4868

[1] rot

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6401	8.9	18^h 46^m $38^s.58$	$+3^s.2111$	$-0^s.0014$	−6° 2' 9".2	+4".053	+0".457	93.0	75 150	6° 4938
6402	9.0	46 42.20	3.2501	0.0017	7 42 47.2	4.058	0.462	94.1	164 266	7 4745
6403	7.8	46 43.78	3.2422	0.0016	7 22 38.9	4.060	0.461	94.1	161 266	7 4746
6404	8.7	46 44.35	3.2360	0.0016	7 6 38.5	4.061	0.460	94.1	155 267	7 4747
6405	8.9	46 50.66	3.2316	0.0016	6 55 20.5	4.070	0.460	93.1	80 153	6 4939
6406	8.8	18 46 52.04	+3.2775	−0.0018	−8 53 37.1	+4.072	+0.467	94.0	152 265	8 4740
6407	8.9	47 5.57	3.2673	0.0018	8 27 29.4	4.091	0.464	94.1	149 270	8 4741
6408	9.2	47 6.95	3.2813	0.0019	9 3 12.7	4.093	0.466	93.6	148 167	9 4870
6409	8.9	47 13.81	3.2479	0.0017	7 37 31.4	4.103	0.462	93.1	71 168	7 4750
6410	7.7	47 24.56	3.2095	0.0014	5 58 11.9	4.119	0.456	93.0	75 150	6 4941
6411	9.4	18 47 28.22	+3.2804	−0.0019	−9 1 19.0	+4.124	+0.466	94.1	163 270	9 4875
6412	6.5	47 32.09	3.2963	0.0020	9 41 50.2	4.129	0.468	93.5	145 160	9 4876
6413	8.8	47 36.16	3.2194	0.0015	6 23 50.6	4.135	0.457	93.1	84 153	6 4942
6414	9.0	47 38.66	3.2472	0.0017	7 36 0.6	4.139	0.461	93.5	147 156	7 4753
6415	8.8	47 40.31	3.2162	0.0015	6 15 31.7	4.141	0.457	94.1	164 271	6 4943
6416	9.0	18 47 41.12	+3.2560	−0.0017	−7 58 31.1	+4.142	+0.463	94.1	168 267	8 4747
6417	8.9	47 47.54	3.2377	0.0016	7 11 36.7	4.151	0.460	93.5	147 155	7 4755
6418	*8.7	47 53.39	3.2751	0.0019	8 47 59.6	4.160	0.465	94.1	158 265*	8 4748
6419	8.5	47 54.71	3.2192	0.0016	6 23 29.0	4.161	0.457	93.1	80 153	6 4944
6420	8.7	48 0.15	3.2259	0.0016	6 41 3.4	4.169	0.458	93.1	73 167	6 4946
6421	*8.7	18 48 1.85	+3.2727	−0.0019	−8 41 43.2	+4.172	+0.465	94.1	158 265*	8 4749
6422	*9.0	48 9.37	3.2596	0.0018	8 7 56.2	4.182	0.463	93.6 94.1	79*a 161 269	8 4751
6423	7.5	48 26.92	3.2913	0.0021	9 29 37.2	4.207	0.467	93.5	145 164	9 4886
6424	*9.2	48 35.54	3.2943	0.0021	9 37 33.0	4.220	0.468	94.1	160* 270	9 4888
6425	8.8	48 44.53	3.2484	0.0018	7 39 29.9	4.232	0.461	93.1	71 156	7 4759
6426	8.9	18 48 44.90	+3.2155	−0.0015	−6 14 7.4	+4.233	+0.457	94.1	150 271	6 4949
6427	8.9	48 46.65	3.2587	0.0018	8 6 11.9	4.235	0.462	94.1	149 267	8 4754
6428	8.8	48 48.57	3.2435	0.0017	7 26 57.0	4.238	0.460	94.1	163 266	7 4761
6429	8.8	48 52.46	3.2672	0.0019	8 27 55.7	4.244	0.464	93.1	77 161	8 4756
6430	8.7	48 59.09	3.2499	0.0018	7 43 18.8	4.253	0.461	93.6	147 167	7 4763
6431	8.8	18 49 1.97	+3.2239	−0.0016	−6 36 5.8	+4.257	+0.457	93.1	84 153	6 4952
6432	9.0	49 4.41	3.3046	0.0022	10 3 49.3	4.261	0.468	94.1	154 272	10 4859
6433	7.8	49 6.81	3.2119	0.0015	6 4 55.8	4.264	0.455	94.1	152 272	6 4953
6434	8.9	49 12.07	3.2070	0.0016	5 52 8.5	4.272	0.455	94.6	263 275	5 4804
6435	*9.0	49 13.05	3.2932	0.0021	9 34 58.7	4.273	0.467	93.5	148 160*	9 4895
6436	8.8	18 49 18.44	+3.2824	−0.0020	−9 7 22.1	+4.281	+0.465	93.1	81 154	9 4896
6437	9.5	49 22.85	3.2641	0.0020	8 20 9.8	4.287	0.463	94.1	168 265	8 4760
6438	9.0	49 31.21	3.2824	0.0021	9 7 29.9	4.299	0.465	93.1	81 163	9 4900
6439	8.3	49 37.67	3.2780	0.0021	8 56 11.5	4.308	0.465	93.1	83 158	8 4761
6440	9.5	49 47.73	3.2728	0.0020	8 43 1.0	4.323	0.464	94.1	167 269	8 4763
6441	9.1	18 49 56.80	+3.2162	−0.0017	−6 16 27.1	+4.336	+0.455	93.1	84 150	6 4959
6442	8.5	49 59.16	3.3048	0.0023	10 4 54.4	4.339	0.468	93.5	145 164	10 4870
6443	8.8	50 1.39	3.2634	0.0020	8 18 47.2	4.342	0.463	94.1	168 270	8 4764
6444	9.2	50 4.44	3.2212	0.0017	6 29 25.8	4.346	0.456	93.6	80 263	6 4960
6445	9.0	50 7.23	3.2368	0.0018	7 9 57.7	4.350	0.459	93.5	147 155	7 4766
6446	8.3	18 50 12.03	+3.2888	−0.0022	−9 24 16.5	+4.357	+0.466	95.1	271 333	9 4906
6447	9.3	50 16.00	3.2942	0.0022	9 38 11.3	4.363	0.467	94.6 98.5	148 333 428 431	9 4908
6448	9.0	50 19.99	3.2638	0.0020	8 20 2.3	4.368	0.463	94.1	161 265	8 4766
6449	8.2	50 20.68	3.2277	0.0018	6 46 23.0	4.370	0.457	93.1	73 152	6 4964
6450	7.3	50 25.57	3.2775	0.0021	8 55 20.9	4.376	0.465	94.1	149 267	8 4767

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6451	7.9	18h 50m 33s.82	+3s.2066	−0s.0016	−5° 51′ 42″.7	+4″.388	+0″.455	94.1	164 271	5° 4811
6452	9.2	50 33.96	3.2365	0.0018	7 9 26.7	4.388	0.459	94.5	147 334	7 4773
6453	8.8	50 34.61	3.2207	0.0017	6 28 29.1	4.389	0.456	93.6	80 263	6 4966
6454	9.5	50 36.01	3.2915	0.0022	9 31 13.8	4.391	0.467	94.1	163 272	9 4909
6455	8.8	50 40.03	3.2609	0.0020	8 12 37.0	4.397	0.463	95.2	275 334	8 4770
6456	9.2	18 50 50.65	+3.2703	−0.0021	−8 36 58.1	+4.412	+0.463	94.2	167 275	8 4772
6457	8.6	50 55.81	3.2813	0.0022	9 5 18.8	4.419	0.464	94.1	154 272	9 4911
6458	9.0	51 1.38	3.2645	0.0021	8 21 56.4	4.427	0.462	93.1	77 158	8 4773
6459	9.1	51 2.18	3.2139	0.0017	6 10 39.8	4.429	0.455	93.1	84 150	6 4969
6460	8.7	51 7.84	3.2115	0.0017	6 4 35.0	4.437	0.454	93.6	75 263	6 4971
6461	8.3	18 51 15.01	+3.2719	−0.0021	−8 41 0.7	+4.447	+0.463	93.1	83 161	8 4774
6462	8.0	51 17.52	3.2689	0.0021	8 33 32.5	4.450	0.463	94.1	167 267	8 4776
6463	8.5	51 25.93	3.2343	0.0019	7 4 13.3	4.462	0.457	93.1	71 155	7 4780
6464	8.2	51 27.78	3.2051	0.0017	5 47 47.2	4.465	0.453	94.6	153 270 333	5 4816
6465	8.8	51 31.34	3.2735	0.0022	8 45 38.1	4.470	0.463	94.1	161 271	8 4778
6466	9.2	18 51 32.22	+3.2601	−0.0020	−8 11 0.0	+4.471	+0.462	94.1	168 265	8 4780
6467	9.0	51 33.99	3.3043	0.0024	10 4 43.0	4.474	0.467	93.9	145 160 275	10 4879
6468	8.9	51 37.60	3.2791	0.0022	9 0 2.4	4.479	0.464	93.5	148 154	9 4917
6469	*4.5	51 42.35	3.2091	0.0017	5 58 33.5	4.486	0.454	93.9	73 152* 334*	6 4976
6470	8.9	51 54.57	3.2627	0.0021	8 18 1.8	4.503	0.462	93.1	77 158	8 4782
6471	8.5	18 52 11.17	+3.3002	−0.0025	−9 54 27.2	+4.527	+0.467	93.5	145 163	9 4920
6472	9.0	52 16.49	3.2275	0.0020	6 46 58.3	4.534	0.456	93.1	84 164	6 4983
6473	9.3	52 27.26	3.2511	0.0021	7 48 6.2	4.550	0.460	94.1	156 266	7 4789
6474	8.9	52 27.45	3.2809	0.0023	9 5 6.1	4.550	0.463	93.1	81 154	9 4923
6475	8.9	52 45.91	3.2182	0.0019	6 22 41.7	4.576	0.455	93.1	80 161	6 4985
6476	9.1	18 52 47.71	+3.2994	−0.0025	−9 52 55.5	+4.578	+0.467	93.5	145 152	9 4926
6477	8.8	52 48.62	3.2891	0.0024	9 26 30.0	4.580	0.465	94.1	160 269	9 4927
6478	9.1	52 56.95	3.2125	0.0018	6 7 48.7	4.592	0.454	93.0	75 150	6 4986
6479	9.0	53 10.04	3.2575	0.0021	8 4 44.9	4.610	0.460	93.1	83 149	8 4788
6480	8.8	53 12.05	3.2848	0.0024	9 15 33.2	4.613	0.464	93.6	148 163	9 4929
6481	8.7	18 53 21.11	+3.2642	−0.0022	−8 22 31.8	+4.626	+0.461	93.0	77 149	8 4789
6482	9.1	53 28.75	3.2434	0.0020	7 28 47.3	4.637	0.458	93.1	71 155	7 4794
6483	8.7	53 37.20	3.2642	0.0023	8 22 33.2	4.649	0.461	93.6	77 149 265	8 4794
6484	8.9	53 38.34	3.2301	0.0021	6 54 7.7	4.650	0.456	93.1	75 153	6 4989
6485	7.7	53 39.37	3.2811	0.0024	9 6 18.2	4.652	0.463	93.1	81 154	9 4935
6486	8.7	18 53 40.00	+3.2950	−0.0025	−9 42 3.3	+4.653	+0.465	94.1	160 270	9 4936
6487	9.1	53 44.49	3.2944	0.0025	9 40 32.3	4.659	0.465	95.3	269 333 334	9 4937
6488	7.3	53 49.62	3.2318	0.0021	6 58 39.9	4.666	0.456	93.5	147 155	7 4798
6489	*8.0	53 49.70	3.2622	0.0023	8 17 41.4	4.666	0.461	93.1	79* 158	8 4795
6490	8.7	53 51.40	3.2385	0.0021	7 16 10.9[1]	4.669	0.457	93.9	147 156 263	7 4799
6491	9.0	18 54 9.72	+3.2889	−0.0025	−9 26 44.7	+4.695	+0.464	93.5	145 161	9 4939
6492	9.2	54 15.71	3.2915	0.0025	9 33 28.4	4.703	0.464	93.6	148 164	9 4941
6493	9.3	54 16.11	3.2141	0.0019	6 12 31.1	4.704	0.454	93.0	73 150	6 4993
6494	8.9	54 25.32	3.2328	0.0021	7 1 39.2	4.717	0.456	93.1	71 155	7 4806
6495	8.7	54 31.16	3.2774	0.0024	8 57 12.0	4.725	0.462	93.1	81 164	9 4943
6496	9.1	18 54 43.21	+3.2303	−0.0021	−6 54 59.3	+4.742	+0.456	93.1	75 153	6 4998
6497	*8.8	54 46.55	3.2676	0.0023	8 32 0.6	4.747	0.461	93.1	86 163*	8 4806
6498	9.2	54 52.88	3.2659	0.0023	8 27 35.6	4.756	0.460	94.1	163 265	8 4807
6499	7.2	55 5.49	3.2442	0.0023	7 31 18.2	4.774	0.457	94.1	156 266	7 4809
6500	8.6	55 7.93	3.2611	0.0024	8 15 22.9	4.777	0.460	94.1	158 267	8 4810

[1] 11″.3 12″.1 9″.3

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6501	8.1	18h 55m 7s.95	+3s.2610	−0s.0024	−8° 14′ 52″.0	+4″.777	+0″.460	94.1	158 267	8° 4809
6502	9.3	55 8.96	3.2994	0.0027	9 54 5.8	4.779	0.465	93.6	145 168	9 4945
6503	9.2	55 9.56	3.2210	0.0021	6 30 51.4	4.780	0.454	93.1	80 167	6 4999
6504	9.5	55 21.83	3.2938	0.0026	9 39 58.2	4.797	0.464	94.1	154 268	9 4947
6505	*8.4	55 23.88	3.2477	0.0023	7 40 48.3	4.800	0.458	93.5	147 160*	7 4812
6506	9.1	18 55 24.53	+3.2135	−0.0020	−6 11 17.6	+4.801	+0.453	93.1	84 153	6 5002
6507	9.2	55 30.13	3.2598	0.0023	8 12 14.1	4.809	0.460	94.1	167 269	8 4812
6508	*8.8	55 42.48	3.2261	0.0021	6 44 27.8[1]	4.826	0.454	94.1 95.9	80δ 161 270* 431δ	6 5004
6509	*8.9	55 51.97	3.2469	0.0023	7 39 2.2	4.840	0.457	94.2	147 160* 332	7 4818
6510	9.5	55 53.42	3.2941	0.0026	9 40 56.3	4.842	0.464	94.3	154 268 271	9 4954
6511	8.4	18 55 54.29	+3.2322	−0.0022	−7 0 36.0	+4.843	+0.455	93.1	71 155	7 4820
6512	9.0	56 1.49	3.2562	0.0023	8 3 10.2	4.853	0.458	94.2	149 263 265	8 4815
6513	7.0	56 5.70	3.2167	0.0021	6 20 2.1	4.859	0.453	93.1	84 150	6 5005
6514	9.3	56 5.76	3.2353	0.0022	7 8 39.6	4.859	0.455	94.1	156 271	7 4821
6515	[4.7]	56 20.42	3.2063	0.0020	5 52 46.8	4.880	0.452	94.1	163 272	5 4840
6516	9.1	18 56 22.43	+3.2275	−0.0022	−6 48 21.2	+4.883	+0.454	94.1	153 270	6 5006
6517	*8.0	56 27.17	3.2209	0.0022	6 31 17.1	4.889	0.454	94.3	161* 271 272	6 5007
6518	7.8	56 34.15	3.2164	0.0022	6 19 26.2	4.899	0.453	93.1	84 150	6 5009
6519	7.9	56 34.58	3.2578	0.0024	8 7 22.0	4.900	0.458	94.0	149 265	8 4820
6520	8.6	56 44.06	3.2645	0.0025	8 24 53.1	4.913	0.459	93.1	77 158	8 4821
6521	9.0	18 56 49.68	+3.2285	−0.0023	−6 51 22.1	+4.921	+0.455	93.1	75 163	6 5012
6522	8.2	56 55.21	3.2218	0.0022	6 33 56.8	4.929	0.454	93.6	148 161	6 5013
6523	8.8	57 6.12	3.2773	0.0026	8 58 27.9	4.945	0.461	93.1	81 164	9 4961
6524	9.0	57 7.57	3.2769	0.0026	8 57 15.2	4.947	0.461	93.1	81 164	9 4962
6525	8.1	57 7.63	3.2796	0.0026	9 4 17.5	4.947	0.461	93.5	145 164	9 4963
6526	8.8	18 57 12.03	+3.2200	−0.0022	−6 29 11.6	+4.953	+0.452	93.6	84 153 269	6 5016
6527	9.0	57 17.16	3.2452	0.0024	7 35 8.6	4.960	0.456	93.6	147 167	7 4827
6528	7.8	57 24.15	3.2517	0.0024	7 52 11.4	4.970	0.457	94.1	155 266	7 4829
6529	8.8	57 24.52	3.2806	0.0026	9 7 14.0	4.970	0.461	93.5	145 154	9 4968
6530	9.1	57 27.14	3.2419	0.0023	7 26 40.4	4.973	0.456	94.6	160 332	7 4830
6531	8.6	18 57 31.87	+3.2053	−0.0021	−5 50 55.1[2]	+4.981	+0.450	94.2 93.8	80δ 152 263 270	5 4846
6532	9.0	57 39.07	3.2430	0.0023	7 29 30.5	4.991	0.455	94.1	156 267	7 4832
6533	8.3	57 56.81	3.2081	0.0022	5 58 27.3	5.016	0.451	93.0	73 150	6 5020
6534	9.3	58 0.05	3.2943	0.0028	9 43 2.3	5.021	0.463	94.1	163 268	9 4971
6535	8.7	58 5.15	3.2433	0.0025	7 30 35.5	5.028	0.456	94.3	156 266 267	7 4833
6536	8.9	18 58 40.50	+3.2135	−0.0022	−6 12 51.2	+5.078	+0.452	93.5 93.2	80δ 148 152	6 5025
6537	9.3	58 41.00	3.2715	0.0026	8 44 19.0	5.078	0.459	93.1	86 168	8 4829
6538	8.0	58 42.98	3.2616	0.0026	8 18 29.0	5.081	0.458	93.1	77 158	8 4831
6539	8.7	58 44.34	3.2672	0.0026	8 33 3.5	5.083	0.459	94.3	164 265 275	8 4832
6540	8.8	58 45.55	3.2710	0.0026	8 43 14.2	5.085	0.459	93.1	83 149	8 4833
6541	9.0	18 58 46.81	+3.2500	−0.0025	−7 48 22.6	+5.087	+0.456	93.1	71 161	7 4838
6542	9.0	58 57.45	3.2934	0.0028	9 41 14.2	5.102	0.463	93.1	81 160	9 4977
6543	8.9	58 58.70	3.2807	0.0027	9 8 19.8	5.103	0.461	93.9	145 154 272	9 4978
6544	7.7	58 59.86	3.2513	0.0025	7 51 47.1	5.105	0.457	93.1	71 155	7 4839
6545[3]	7.0	59 3.71	3.2048	0.0022	5 49 58.8	5.110	0.449	93.0	75 150	5 4858
6546	8.9	18 59 10.39	+3.2741	−0.0027	−8 51 24.5	+5.120	+0.459	94.1	163 265	8 4835
6547	9.0	59 13.10	3.2762	0.0027	8 56 49.1	5.124	0.459	93.5	145 164	9 4979
6548	9.0	59 21.06	3.2451	0.0026	7 35 55.8	5.135	0.455	93.6	147 167	7 4842
6549	7.1	59 22.07	3.2728	0.0028	8 48 3.0	5.136	0.458	93.1	86 149	8 4836
6550	7.3	59 28.66	3.2605	0.0027	8 16 11.7	5.146	0.457	93.1	77 158	8 4837

[1] 27″.8 29″.6 (½) 27″.0 27″.7 [2] 56″.3 55″.7 53″.5 54″.8 [3] Z. 75: rot

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6551	8.6	18h 59m 36s.41	+3s.2380	−0s.0025	−7° 17′ 29″.7	+5″.157	+0″.454	94.1	161 266	7° 4844
6552	8.9	59 36.78	3.2351	0.0025	7 9 45.5	5.157	0.453	94.1	167 266	7 4845
6553	9.0	59 45.91	3.2770	0.0028	8 59 11.3	5.170	0.459	93.1	81 163	9 4982
6554	9.2	59 54.53	3.2470	0.0026	7 41 20.6	5.182	0.455	94.0	147 263	7 4846
6555	8.9	59 57.12	3.2158	0.0024	6 19 30.5	5.186	0.451	93.1	73 153	6 5033
6556	8.5	19 0 3.48	+3.2667	−0.0027	−8 32 43.0	+5.195	+0.458	93.6	148 168	8 4840
6557	9.3	0 3.51	3.2300	0.0025	6 56 53.8	5.195	0.453	94.3	167 267 272	7 4849
6558	8.8	0 8.75	3.2699	0.0027	8 41 4.0	5.202	0.458	93.1	83 168	8 4841
6559	7.8	0 26.62	3.2784	0.0028	9 3 23.3	5.227	0.459	93.6	81 154 269	9 4986
6560	6.3	0 41.36	3.2952	0.0030	9 47 3.3	5.248	0.462	93.5	145 164	9 4987
6561	8.9	19 0 55.65	+3.2990	−0.0031	−9 57 3.4	+5.268	+0.462	94.1	164 268	10 4949
6562	9.6	1 1.28	3.2135	0.0024	6 13 36.7	5.276	0.450	93.1	75 152	6 5034
6563	9.4	1 11.70	3.2767	0.0029	8 59 23.3	5.291	0.458	94.1	154 268	9 4996
6564	9.4	1 28.76	3.2523	0.0027	7 55 53.3	5.315	0.455	94.1	161 266	7 4853
6565	8.9	1 36.61	3.2540	0.0027	8 0 22.6	5.326	0.455	93.0	77 149	8 4851
6566	9.1	19 1 46.09	+3.2070	−0.0024	−5 57 6.3	+5.339	+0.449	93.5 93.2	80δ 148 153	6 5038
6567	9.3	1 48.18	3.2718	0.0029	8 47 13.1	5.342	0.457	94.3	168 265 269	8 4852
6568	9.0	1 49.67	3.2800	0.0029	9 8 20.0	5.344	0.459	94.5	145 333	9 5002
6569	8.8	1 50.17	3.2908	0.0030	9 36 26.8	5.345	0.460	94.1	163 268	9 5001
6570	8.5	1 50.31	3.2899	0.0030	9 34 6.3	5.345	0.460	94.1	163 264	9 5000
6571	8.7	19 2 13.35	+3.2278	−0.0026	−6 51 59.3	+5.377	+0.451	93.1	75 164	6 5040
6572	*8.4	2 13.68	3.2436	0.0027	7 33 17.7	5.378	0.453	93.5	147 161*	7 4856
6573	8.9	2 20.35	3.2421	0.0027	7 29 49.4	5.387	0.453	93.9	147 167 272	7 4857
6574	9.3	2 31.75	3.2308	0.0027	6 59 54.4	5.403	0.451	94.1	168 269	7 4858
6575	7.0	2 35.80	3.2537	0.0028	8 0 11.7	5.409	0.454	93.0	77 149	8 4859
6576	9.0	19 2 36.21	+3.2744	−0.0030	−8 54 17.3	+5.410	+0.457	93.1	83 158	8 4858
6577	8.9	2 43.73	3.2779	0.0030	9 3 29.8	5.420	0.457	93.1	81 154	9 5009
6578	7.9	2 56.41	3.2443	0.0028	7 35 41.9	5.438	0.453	93.5	147 155	7 4861
6579	9.0	3 9.05	3.2480	0.0028	7 45 32.0[1]	5.456	0.453	93.5 96.5	148 156 428δ	7 4862
6580[2]	...	3 16.01	3.2871	0.0031	9 27 43.4	5.465	0.459	94.1	163 264	9 5013
6581	8.2	19 3 16.94	+3.2332	−0.0027	−7 6 57.4	+5.467	+0.451	94.1	167 266	7 4863
6582	8.5	3 23.67	3.2449	0.0028	7 37 42.5	5.476	0.453	93.5	147 155	7 4864
6583	7.9	3 28.29	3.2483	0.0028	7 46 35.2	5.483	0.453	93.6	148 168	7 4865
6584	8.1	3 29.48	3.2758	0.0030	8 58 35.9	5.484	0.457	93.5	145 154	9 5015
6585	8.4	3 35.94	3.2996	0.0033	10 0 24.6	5.493	0.461	94.1	164 268	10 4971
6586	8.2	19 3 38.76	+3.2346	−0.0027	−7 10 32.5	+5.497	+0.451	94.1	156 266	7 4867
6587	8.9	3 38.86	3.2386	0.0028	7 21 3.4	5.498	0.451	94.1	167 267	7 4866
6588	8.9	3 53.40	3.2127	0.0025	6 12 52.1	5.518	0.448	93.0	73 150	6 5046
6589	9.2	3 55.06	3.2044	0.0025	5 51 2.0	5.520	0.447	93.3	75 84 152 263	5 4890
6590	7.5	4 2.20	3.2322	0.0027	7 4 21.8	5.530	0.450	94.1	161 267	7 4869
6591	9.4	19 4 6.25	+3.2677	−0.0030	−8 37 30.8	+5.536	+0.456	93.1	86 149	8 4865
6592	9.1	4 8.52	3.2333	0.0027	7 7 20.4	5.539	0.450	94.3	164 267 272	7 4870
6593	8.5	4 8.88	3.2872	0.0032	9 28 25.8	5.540	0.458	93.5	145 163	9 5020
6594	8.2	4 38.10	3.2834	0.0032	9 19 2.2	5.580	0.457	93.6	81 168 268	9 5022
6595	7.4	4 39.15	3.2404	0.0028	7 26 14.0	5.582	0.451	93.5	148 156	7 4872
6596	8.9	19 4 52.88	+3.2072	−0.0026	−5 59 0.7	+5.601	+0.447	93.0	73 150	6 5049
6597	8.7	5 10.00	3.2528	0.0030	7 59 16.8	5.625	0.453	93.1	77 158	8 4871
6598	8.7	5 11.33	3.2621	0.0031	8 23 38.4	5.627	0.454	93.1	83 149	8 4872
6599[3]	9.3	5 22.66	3.2156	0.0027	6 21 21.4	5.643	0.447	93.1	75 152	6 5052
6600	8.7	5 30.30	3.2978	0.0034	9 57 23.6	5.654	0.459	93.5	145 154	10 4981

[1] 30″.6 33″.3 32″.0   [2] Dpl. med. (8m.7 8m.9)   [3] Dpl. bor., com. 9m.7

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6601	9.2	$19^h\ 5^m\ 35^s.34$	+3^s.2495	−0^s.0030	−7° 50′ 50″.9	+5″.661	+0″.452	93.5	148 155	7° 4875
6602	6.9	5 35.68	3.2253	0.0028	6 47 5.9	5.661	0.448	93.1	80 150	6 5054
6603	7.0	5 37.19	3.2437	0.0029	7 35 23.9	5.663	0.451	93.5	147 164	7 4876
6604	8.9	5 43.06	3.2197	0.0027	6 32 25.9	5.671	0.448	93.1	73 153	6 5055
6605	8.8	5 43.20	3.2315	0.0028	7 3 30.0	5.672	0.449	94.1	163 267	7 4878
6606	8.5	19 5 49.69	+3.2530	−0.0030	−8 0 13.0	+5.681	+0.453	93.6	77 158*a* 263	8 4877
6607	9.1	5 52.65	3.2822	0.0033	9 16 54.0	5.685	0.456	94.1	168 264	9 5027
6608	9.4	5 59.20	3.2280	0.0029	6 54 32.7	5.694	0.449	93.6	84 263	6 5057
6609	8.9	6 8.57	3.2124	0.0027	6 13 6.6	5.707	0.447	93.1	84 167	6 5059
6610	9.0	6 29.77	3.2206	0.0028	6 35 0.6	5.737	0.448	94.1	150 269	6 5060
6611	9.6	19 6 32.67	+3.2309	−0.0029	−7 2 21.7	+5.741	+0.448	95.1	270 334	7 4882
6612	9.1	6 41.00	3.2557	0.0031	8 7 50.3	5.752	0.452	93.1	83 163	8 4881
6613	9.1	6 45.76	3.2731	0.0033	8 53 37.7	5.759	0.455	94.1	168 269	8 4884
6614	8.7	6 52.11	3.2778	0.0033	9 6 9.2	5.768	0.455	93.5	145 154	9 5033
6615	9.0	6 53.38	3.2678	0.0032	8 39 54.7	5.770	0.454	94.1	158 270	8 4885
6616	9.0	19 6 53.67	+3.2855	−0.0034	−9 26 14.7	+5.770	+0.456	94.1	164 268	9 5034
6617	9.2	6 57.02	3.2309	0.0029	7 2 34.0	5.775	0.448	95.3	267 333 334	7 4886
6618	8.9	7 1.23	3.2443	0.0030	7 38 2.6	5.781	0.451	93.5	147 155	7 4887
6619	9.1	7 1.56	3.2035	0.0027	5 50 3.1	5.781	0.445	93.1	80 152	5 4902
6620	8.8	7 11.89	3.2779	0.0033	9 6 30.0	5.796	0.455	93.5	145 154	9 5036
6621	**5.8**	**19 7 15.24**	**+3.2550**	**−0.0031**	**−8 6 24.2**	**+5.800**	**+0.453**		**Fund. Cat.**	**8 4887**
6622	8.5	7 18.21	3.2213	0.0028	6 37 33.9	5.804	0.447	93.0	73 150	6 5063
6623	8.4	7 25.91	3.2448	0.0030	7 39 40.6	5.815	0.451	93.5	147 155	7 4888
6624	9.0	7 36.68	3.2059	0.0028	5 56 46.6	5.830	0.445	93.1	80 153	6 5065
6625	8.5	7 43.53	3.2949	0.0035	9 51 16.2	5.840	0.457	93.5	145 163	9 5041
6626	9.6	19 7 46.48	+3.2176	−0.0029	−6 27 48.8	+5.844	+0.446	95.1	263 332	6 5066
6627	8.9	7 47.57	3.2291	0.0031	6 58 25.5	5.845	0.448	94.1	156 269	7 4890
6628	9.3	7 50.57	3.2628	0.0032	8 27 28.4	5.850	0.452	94.1	168 270	8 4892
6629	9.1	7 55.17	3.2215	0.0029	6 38 24.1	5.856	0.446	94.6	75 333 334	6 5067
6630	9.3	8 0.03	3.2646	0.0033	8 32 6.5	5.863	0.453	94.2 97.0	168 271 431δ	8 4893
6631	8.8	19 8 14.61	+3.2515	−0.0032	−7 57 52.9	+5.883	+0.451	93.1	77 164	8 4896
6632	9.6	8 25.21	3.2636	0.0033	8 29 48.7	5.898	0.452	94.6	263 271 272	8 4897
6633	9.1	8 29.35	3.2190	0.0029	6 31 46.6	5.904	0.446	93.1	73 153	6 5071
6634	9.0	8 32.77	3.2085	0.0028	6 3 58.4	5.908	0.444	93.1	84 164	6 5072
6635	8.8	8 39.93	3.2750	0.0034	8 59 53.6	5.918	0.454	94.1	154 264	9 5047
6636	6.6	19 8 48.65	+3.2725	−0.0034	−8 53 21.4	+5.930	+0.454	93.1	86 158	8 4900
6637	9.0	8 48.93	3.2802	0.0034	9 13 42.4	5.931	0.455	94.1	167 268	9 5048
6638	7.8	9 0.58	3.2038	0.0028	5 51 49.1	5.947	0.444	93.0	75 150	5 4915
6639	7.9	9 1.12	3.2529	0.0032	8 2 5.7	5.948	0.451	93.1	77 161	8 4902
6640	8.9	9 2.21	3.2670	0.0033	8 39 11.4	5.949	0.453	93.6	148 163	8 4903
6641	8.9	19 9 8.36	+3.2742	−0.0034	−8 58 14.7	+5.958	+0.454	93.6	145 168	9 5052
6642	8.9	9 23.62	3.2649	0.0034	8 34 0.2	5.979	0.452	93.1	83 149	8 4905
6643	9.0	9 33.29	3.2923	0.0037	9 46 6.6	5.993	0.455	93.5	145 160	9 5055
6644	9.0	9 58.66	3.2490	0.0033	7 52 25.7	6.028	0.449	93.5	147 155	7 4898
6645	8.6	9 59.95	3.2342	0.0031	7 13 15.9	6.030	0.447	93.6	156 164	— —[1]
6646	6.6	19 10 1.12	+3.2118	−0.0029	−6 13 24.9	+6.031	+0.444	93.0	67 152	6 5077
6647	8.9	10 10.22	3.2700	0.0035	8 47 48.3[2]	6.044	0.452	93.6	86 158 167 269	8 4906
6648	9.1	10 18.71	3.2899	0.0036	9 40 21.4	6.056	0.455	93.1	81 161	9 5062
6649	*9.1	10 33.57	3.2506	0.0033	7 56 58.1	6.076	0.450	94.1	77* 163 270 334	8 4911
6650	8.8	10 34.35	3.2335	0.0031	7 11 31.6	6.078	0.447	93.5	147 156	7 4902

[1] Var. = W Aquilae; fehlt in B.D. [2] 48″.4 46″.8 49″.6 48″.4

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6651	8.6	19h 10m 36s.67	+3s.2026	−0s.0029	−5° 49′ 15″.6	+6″.081	+0″.442	92.9	73 75 150	5° 4921
6652	7.4	10 49.62	3.2714	0.0036	8 51 56.4	6.099	0.452	93.3	83 158 162	8 4912
6653	9.0	10 56.64	3.2047	0.0030	5 55 13.1	6.108	0.442	93.0	67 150	5 4922
6654	9.3	10 56.69	3.2307	0.0032	7 4 34.7	6.109	0.445	93.9	148 155 263	7 4905
6655	9.0	10 57.56	3.2881	0.0037	9 36 8.0	6.110	0.454	94.1	154 264	9 5068
6656	8.8	19 10 58.57	+3.2295	−0.0032	−7 1 15.8	+6.111	+0.445	93.6	84 155 263	7 4906
6657	9.1	10 59.92	3.2615	0.0035	8 25 56.8	6.113	0.450	93.9	149 167 268	8 4913
6658	*8.9	11 17.85	3.2881	0.0037	9 36 15.5	6.138	0.454	93.1	81 154*	9 5072
6659	9.3	11 32.69	3.2523	0.0034	8 2 5.4	6.159	0.449	94.3	163 268 269	8 4917
6660[1]	9.2	11 35.56	3.2377	0.0033	7 23 19.8	6.163	0.447	93.5	148 156	7 4909
6661	*9.0	19 11 50.11	+3.2874	−0.0037	−9 34 54.1	+6.183	+0.454	93.1	81 154*	9 5074
6662	8.6	12 6.83	3.2300	0.0032	7 3 7.4	6.206	0.445	93.1	80 153	7 4912
6663	9.4	12 18.24	3.2578	0.0036	8 17 22.8	6.222	0.449	93.6	86 158 270	8 4920
6664	9.0	12 20.98	3.2098	0.0030	6 9 28.7	6.225	0.441	93.2	73 152 167	6 5086
6665	9.2	12 26.38	3.2344	0.0033	7 15 9.7	6.233	0.445	93.5	147 163	7 4915
6666	*7.9	19 12 31.41	+3.2937	−0.0039	−9 51 58.3	+6.240	+0.454	93.9	145 160* 264	9 5079
6667	9.3	12 32.15	3.2604	0.0036	8 24 8.5	6.241	0.449	94.6	164 268 334	8 4921
6668	9.0	12 48.28	3.2366	0.0034	7 21 16.6	6.263	0.445	93.5	148 155	7 4916
6669	8.7	12 57.53	3.2318	0.0033	7 8 38.9	6.276	0.445	92.9	80 84 153	7 4917
6670	8.9	13 4.20	3.2341	0.0033	7 14 42.8	6.285	0.445	93.5	147 163	7 4918
6671	9.0	19 13 7.69	+3.2193	−0.0032	−6 35 11.6	+6.290	+0.443	93.0	67 152	6 5091
6672	*7.8	13 10.81	3.2256	0.0033	6 52 8.9	6.295	0.444	93.0	67 150*	6 5092
6673	9.2	13 10.86	3.2445	0.0034	7 42 25.3	6.295	0.446	94.1	161 267	7 4919
6674	9.0	13 23.26	3.2572	0.0036	8 16 18.7	6.312	0.448	93.6	77 149 167 271	8 4929
6675	8.1	13 26.78	3.2050	0.0031	5 57 12.6	6.317	0.441	93.0	73 150	6 5096
6676	9.4	19 13 30.94	+3.2554	−0.0035	−8 11 51.6	+6.322	+0.448	93.6	83 158 269	8 4930
6677	9.4	13 36.81	3.2321	0.0033	7 9 45.3[2]	6.331	0.444	94.1 99.2	5 Beob.[3]	7 4921
6678	*8.5	13 50.51	3.2764	0.0038	9 7 43.9	6.349	0.450	93.9	145 160* 272	9 5088
6679	8.5	13 58.08	3.2329	0.0034	7 12 11.1	6.360	0.444	94.1	155 267	7 4923
6680	8.3	14 3.86	3.2370	0.0034	7 22 57.3	6.368	0.445	93.6	148 162	7 4924
6681	8.5	19 14 3.94	+3.2014	−0.0031	−5 47 50.4	+6.368	+0.439	92.9	73 75 152	5 4933
6682	9.0	14 16.77	3.2778	0.0038	9 11 34.5	6.386	0.451	93.5	145 154	9 5090
6683	*8.5	14 23.76	3.2878	0.0039	9 38 7.1	6.395	0.451	94.1	161* 264	9 5091
6684	*8.4	14 32.66	3.2746	0.0038	9 3 25.0	6.408	0.449	93.5	145 160*	9 5093
6685	8.6	14 32.70	3.2847	0.0039	9 29 54.9	6.408	0.450	94.1	164 264	9 5092
6686	*7.5	19 14 33.79	+3.2869	−0.0039	−9 35 44.6	+6.409	+0.451	93.1	81 161*	9 5094
6687	9.0	14 34.56	3.2885	0.0039	9 39 56.9	6.410	0.451	94.1	162 268	9 5095
6688	9.0	14 36.39	3.2671	0.0037	8 43 32.7	6.413	0.448	93.3	86 158 167	8 4934
6689	6.8	14 40.49	3.2240	0.0034	6 48 43.4	6.419	0.442	93.0	67 152	6 5103
6690	9.0	14 45.53	3.2413	0.0035	7 34 54.1	6.425	0.445	93.5	147 156	7 4928
6691	8.0	19 15 11.56	+3.2266	−0.0034	−6 56 0.5	+6.462	+0.442	94.2	147 155 333	7 4929
6692	8.6	15 11.68	3.2111	0.0032	6 14 24.5	6.462	0.440	93.1	75 153	6 5107
6693	8.3	15 15.29	3.2597	0.0038	8 24 22.1	6.467	0.447	93.1	83 149	8 4939
6694	8.8	15 16.94	3.2306	0.0034	7 6 54.0	6.469	0.442	93.1	80 156	7 4930
6695	9.1	15 21.42	3.2916	0.0041	9 49 2.7	6.475	0.451	94.1	163 264	9 5099
6696	8.9	19 15 25.28	+3.2074	−0.0032	−6 4 33.9	+6.480	+0.439	94.1	150 270	6 5109
6697	9.1	15 34.43	3.2574	0.0038	8 18 26.7	6.493	0.447	93.9	77 149 334	8 4941
6698	8.7	15 35.88	3.2948	0.0041	9 57 45.1	6.495	0.452	93.5	148 160	10 5039
6699	9.3	15 55.35	3.2190	0.0034	6 36 8.1	6.522	0.441	93.0	67 153	6 5112
6700	8.6	16 3.92	3.2008	0.0033	5 47 7.7	6.534	0.438	93.1	73 152	5 4941

[1] Z. 148: Dpl. maj., com. 10m [2] 46″.7 43″.6 45″.2 45″.7 45″.4 [3] ZZ. 156 267 428δ 429δ 431δ

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6701	9.1	19h 16m 21s.38	+3s.2589	−0s.0038	−8° 22′ 56″.2	+6″.558	+0″.446	93.1	83 158	8° 4947
6702	*8.2	16 44.88	3.2451	0.0037	7 46 31.8	6.590	0.444	93.5	147 155*	7 4933
6703	8.0	16 50.57	3.2106	0.0033	6 14 5.8	6.598	0.439	93.0	64 150	6 5117
6704	8.4	16 54.08	3.2482	0.0038	7 55 1.8	6.603	0.444	94.1	155 267	7 4934
6705	6.8	16 55.08	3.2589	0.0039	8 23 23.4	6.604	0.445	93.0	77 149	8 4950
6706	*7.9	19 17 5.44	+3.2368	−0.0036	−7 24 30.0	+6.618	+0.442	93.9	162* 163 267	7 4935
6707	9.2	17 5.63	3.2859	0.0041	9 35 18.5	6.619	0.449	94.1	161 264	9 5107
6708	8.9	17 10.87	3.2713	0.0040	8 56 44.3	6.626	0.447	93.5	145 160	9 5108
6709	8.6	17 13.02	3.2939	0.0042	9 56 52.5	6.629	0.450	93.6	148 167	10 5053
6710	8.5	17 18.56	3.2347	0.0036	7 19 6.4	6.637	0.442	94.1	162 267	7 4938
6711	9.3	19 17 18.81	+3.2627	−0.0039	−8 34 0.1	+6.637	+0.446	93.3	86 158 168	8 4953
6712	9.1	17 28.76	3.2806	0.0041	9 21 38.0	6.651	0.448	94.1	167 264	9 5110
6713	9.0	17 34.55	3.2312	0.0036	7 9 45.3	6.659	0.441	94.1	80 156 272 334	7 4940
6714	7.9	17 36.18	3.2309	0.0036	7 8 56.2	6.661	0.441	93.1	80 156	7 4941
6715	*6.8	17 40.45	3.2407	0.0037	7 35 28.9	6.667	0.443	93.5	147 164*	7 4942
6716	8.9	19 17 41.84	+3.2256	−0.0036	−6 54 57.4	+6.669	+0.441	93.0	67 150	6 5123
6717	8.9	17 42.67	3.2363	0.0037	7 23 36.2	6.670	0.442	95.1	270 333	7 4944
6718	9.1	17 43.03	3.2293	0.0036	7 4 42.5	6.670	0.441	93.1	84 153	7 4945
6719	9.0	17 49.20	3.2755	0.0040	9 8 5.9	6.679	0.447	93.5	145 164	9 5115
6720	8.9	18 17.94	3.2953	0.0043	10 1 13.6	6.718	0.449	94.1 99.5	154 264a 428δ 429δ	10 5061
6721	9.3	19 18 19.05	+3.2592	−0.0040	−8 25 30.9	+6.720	+0.444	93.6	77 149a 168 269	8 4959
6722	8.1	18 26.21	3.2589	0.0040	8 24 35.0	6.729	0.444	93.6 95.8	77 149 269 431δ	8 4960
6723	9.0	18 29.43	3.2851	0.0042	9 34 19.1	6.734	0.448	93.9	148 160 271	9 5120
6724	7.2	18 40.34	3.2311	0.0037	7 10 16.8	6.749	0.441	93.1	80 155	7 4947
6725	8.9	18 52.33	3.2586	0.0040	8 24 19.0	6.765	0.444	93.9	83 158 334	8 4962
6726	7.6	19 18 55.07	+3.2840	−0.0042	−9 31 53.6	+6.769	+0.448	93.5	148 154	9 5123
6727	9.2	19 1.56	3.2327	0.0037	7 14 55.6	6.778	0.441	93.5	147 155	7 4949
6728	8.5	19 6.41	3.2462	0.0039	7 50 58.6	6.785	0.443	94.1	156 267	7 4950
6729	9.6	19 15.01	3.2045	0.0035	5 58 51.6	6.796	0.437	94.1	64 333	6 5133
6730	8.9	19 24.82	3.2948	0.0044	10 0 58.7	6.810	0.448	94.1	161 264	10 5066
6731	8.5	19 19 27.32	+3.2864	−0.0043	−9 38 46.9	+6.813	+0.447	93.5	145 160	9 5125
6732	9.0	19 27.59	3.2561	0.0041	8 17 50.9	6.814	0.443	93.1	86 152	8 4966
6733	9.0	19 39.47	3.2516	0.0040	8 5 54.9	6.830	0.442	94.1	152 270	8 4968
6734	9.3	19 43.21	3.2196	0.0036	6 39 58.6	6.835	0.438	93.0	67 150	6 5138
6735	9.8	20 4.43	3.2864	0.0043	9 39 7.9	6.864	0.447	93.5	145 167	9 5127
6736	8.6	19 20 6.24	+3.2298	−0.0037	−7 7 30.5	+6.867	+0.439	93.1	84 156	7 4953
6737	9.4	20 18.46	3.2849	0.0043	9 35 25.6	6.884	0.447	94.1	154 268	9 5128
6738	9.1	20 23.04	3.2884	0.0044	9 45 5.2	6.890	0.447	94.1	161 268	9 5129
6739	9.1	20 23.22	3.2194	0.0036	6 40 1.4	6.890	0.438	93.0	67 150	6 5142
6740	9.2	20 27.86	3.2536	0.0040	8 11 49.8	6.896	0.443	94.6	149 267 334	8 4973
6741	8.0	19 20 29.08	+3.2763	−0.0042	−9 12 36.4	+6.898	+0.446	94.1	162 264	9 5130
6742	8.6	20 44.63	3.2312	0.0038	7 12 0.8	6.919	0.439	93.1	80 155	7 4956
6743	8.0	21 7.70	3.2570	0.0042	8 21 38.2	6.951	0.442	93.1	77 152	8 4977
6744	8.4	21 14.20	3.2470	0.0041	7 54 56.3	6.960	0.441	93.1	86 149	8 4979
6745	9.2	21 14.75	3.2785	0.0044	9 19 28.8	6.960	0.445	94.1	168 268	9 5132
6746	*8.9	19 21 16.01	+3.2592	−0.0042	−8 27 30.5	+6.962	+0.442	93.2 93.1	77 152a 158*	8 4978
6747	8.8	21 16.81	3.2228	0.0038	6 49 38.9	6.963	0.437	93.6	73 153 271	6 5147
6748	8.9	21 26.42	3.2589	0.0042	8 26 55.6	6.976	0.442	93.1	83 158	8 4981
6749	9.2	21 31.51	3.2492	0.0041	8 1 7.2	6.983	0.441	93.1	86 163	8 4982
6750	9.0	21 41.36	3.2598	0.0042	8 29 45.8	6.997	0.442	93.6	148 163	8 4983

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6751	7.8	19h 22m 0s.44	+3s.2028	−0s.0036	−5° 56′ 4″.2	+7″.023	+0″.434	93.0	67 150	6° 5151
6752	8.4	22 0.52	3.2575	0.0042	8 23 41.8	7.023	0.441	93.1	83 158	8 4986
6753	8.8	22 1.09	3.2398	0.0040	7 35 51.0	7.024	0.439	93.5	147 156	7 4959
6754	9.1	22 1.90	3.2345	0.0039	7 21 38.7	7.025	0.438	93.1	84 162	7 4960
6755	8.2	22 14.55	3.2614	0.0042	8 34 21.9	7.042	0.442	93.6	148 161	8 4987
6756	9.0	19 22 19.86	+3.2440	−0.0040	−7 47 41.6	+7.050	+0.439	93.5	147 155	7 4961
6757	8.6	22 26.34	3.2779	0.0045	9 18 34.3	7.058	0.444	94.1	154 264	9 5139
6758	9.3	22 31.10	3.2612	0.0043	8 34 15.4	7.065	0.442	93.6	148 168	8 4988
6759	9.0	22 31.69	3.2578	0.0043	8 25 4.8	7.066	0.441	93.1	77 152	8 4989
6760	8.2	22 34.70	3.2849	0.0045	9 37 41.0	7.070	0.445	93.5	145 160	9 5141
6761	*8.4	19 22 44.35	+3.2874	−0.0045	−9 44 23.2	+7.083	+0.445	93.9	160 163 268*	9 5143I
6762	*8.5	22 45.00	3.2875	0.0045	9 44 29.9	7.084	0.445	93.9	160 163 268*	9 5143II
6763	9.4	22 45.30	3.2749	0.0044	9 10 54.9	7.084	0.444	94.1	167 264	9 5142
6764	9.4	22 51.98	3.2313	0.0040	7 13 41.2	7.093	0.438	93.1	80 168	7 4963
6765	9.1	23 2.61	3.2667	0.0044	8 49 16.6	7.108	0.442	94.1	149 267	8 4993
6766	8.5	19 23 7.45	+3.2799	−0.0045	−9 24 35.4	+7.114	+0.444	94.1	154 269	9 5146
6767	8.9	23 14.16	3.2562	0.0043	8 21 20.8	7.124	0.440	94.1	161 270	8 4995
6768	*9.0	23 37.05	3.2362	0.0040	7 27 38.2	7.155	0.437	93.5	147 156*	7 4965
6769	8.4	23 37.82	3.2123	0.0038	6 22 42.0	7.156	0.434	93.0	64 150	6 5158
6770	*8.9	23 44.24	3.2346	0.0040	7 23 6.8	7.164	0.437	93.1	84 156*	7 4967
6771	6.8	19 23 58.38	+3.2314	−0.0040	−7 14 58.4	+7.184	+0.437	93.5	147 155	7 4968
6772	9.3	24 4.05	3.2559	0.0043	8 20 57.9	7.191	0.440	94.1	158 270	8 5000
6773	8.7	24 24.02	3.2530	0.0043	8 13 37.3	7.219	0.439	94.1	152 269	8 5002
6774[1]	...	24 31.68	3.2088	0.0038	6 13 41.5	7.229	0.433	95.6	332 334	6 5164A
6775[2]	...	24 31.69	3.2088	0.0038	6 13 39.5	7.229	0.433	94.3	64 168 332 334	6 5164M
6776	9.5	19 24 33.03	+3.2468	−0.0043	−7 57 6.6	+7.231	+0.438	94.1	167 272	8 5005
6777	*8.5	24 33.83	3.2581	0.0044	8 27 36.1	7.232	0.439	94.1	149* 270	8 5003
6778	8.9	24 41.43	3.2642	0.0044	8 44 0.8	7.242	0.440	93.6	148 161	8 5006
6779	9.3	24 44.58	3.2433	0.0042	7 47 27.7	7.247	0.437	96.9 94.1	156 272 431a	7 4969
6780	*8.9	24 55.74	3.2204	0.0040	6 45 47.1	7.262	0.434	93.0	67* 153	6 5165
6781	*8.5	19 24 57.01	+3.2199	−0.0039	−6 44 26.3	+7.264	+0.434	93.0	67* 153	6 5166
6782	9.1	24 57.07	3.2307	0.0041	7 13 30.0	7.264	0.436	93.1	84 155	7 4970
6783	9.6	25 5.34	3.2363	0.0041	7 28 53.5	7.275	0.436	94.1	163 271	7 4971
6784	8.8	25 9.96	3.2621	0.0044	8 38 39.4	7.281	0.440	93.6	148 161	8 5007
6785	7.6	25 16.51	3.2565	0.0044	8 23 40.5	7.290	0.439	93.0	77 149	8 5008
6786	9.0	19 25 26.48	+3.2783	−0.0046	−9 22 41.0	+7.304	+0.442	94.1	157 264	9 5160
6787	8.8	25 26.89	3.2940	0.0048	10 4 39.1	7.304	0.444	94.1	160 264	10 5100
6788	7.0	25 31.94	3.2194	0.0039	6 43 9.6	7.311	0.434	93.0	64 153	6 5170
6789	8.9	25 36.35	3.2341	0.0041	7 23 18.6	7.317	0.436	93.5	147 160	7 4974
6790	8.7	25 36.69	3.2506	0.0043	8 8 3.5	7.317	0.438	93.1	83 152	8 5009
6791	9.4	19 25 39.79	+3.2381	−0.0042	−7 34 13.8	+7.322	+0.436	94.1	162 267	7 4975
6792	8.7	25 53.14	3.2008	0.0039	5 52 52.8	7.340	0.431	93.1	80 167	5 4989
6793	9.7	25 55.97	3.2488	0.0044	8 3 26.5	7.344	0.437	94.1	168 270	8 5012
6794	8.9	25 59.32	3.2631	0.0045	8 42 4.0	7.348	0.439	93.1	86 158	8 5013
6795	9.2	26 11.54	3.2257	0.0041	7 0 55.2	7.365	0.434	94.1	167 267	7 4977
6796	9.3	19 26 16.54	+3.2517	−0.0044	−8 11 42.4	+7.371	+0.438	94.1	149 269	8 5016
6797	9.2	26 19.47	3.2297	0.0042	7 11 48.6	7.376	0.435	94.5	147 333	7 4978
6798	8.9	26 23.77	3.2807	0.0047	9 30 0.1	7.381	0.442	94.1	157 264	9 5165
6799	9.0	26 24.89	3.2168	0.0040	6 36 49.2	7.383	0.433	93.1	84 153	6 5172
6800	8.9	26 34.86	3.2850	0.0048	9 41 41.9	7.396	0.442	94.1	161 268	9 5167

[1] Dpl. maj., Gr. siehe Anm. zu Nr. 6775   [2] ZZ. 168 ($9^m.4$ $9^m.3$) 332 und 334 Dpl. med., Z. 64: $9^m.1$, keine Bem. über Duplicität

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
6801	8.6	19h 26m 44s.59	+3s.2735	−0s.0047	−9° 10′ 46″.0	+7″.410	+0″.441	93.5	148 157	9° 5168
6802	8.7	27 3.75	3.2742	0.0047	9 13 7.3	7.435	0.440	93.5	148 157	9 5169
6803	9.0	27 18.64	3.2369	0.0043	7 32 6.0	7.456	0.435	93.1	89 155	7 4979
6804	9.6	27 21.47	3.2258	0.0041	7 2 1.6	7.460	0.433	93.1	87 156	7 4981
6805	9.1	27 23.87	3.2040	0.0039	6 2 22.6	7.463	0.430	93.0	67 152	6 5177
6806	8.7	19 27 32.12	+3.2517	−0.0045	−8 12 37.0	+7.474	+0.437	93.0	77 149	8 5023
6807	9.0	28 0.08	3.2323	0.0043	7 20 13.1	7.512	0.434	93.5	147 155	7 4984
6808	9.5	28 1.99	3.2722	0.0047	9 8 41.5	7.514	0.439	93.5	145 154	9 5172
6809	9.0	28 3.97	3.2213	0.0042	6 50 21.7	7.517	0.433	93.0	64 150	6 5179
6810	9.0	28 38.64	3.2438	0.0045	7 52 7.5	7.564	0.435	94.1	156 267	7 4989
6811	9.1	19 28 45.95	+3.2643	−0.0047	−8 47 56.0	+7.574	+0.437	93.1	83 158	8 5028
6812	9.0	28 56.13	3.2332	0.0043	7 23 23.5	7.587	0.433	93.5 96.5	147 160 4298	7 4990
6813	9.2	29 3.30	3.2621	0.0046	8 42 15.7	7.597	0.437	93.1	86 152	8 5031
6814	8.4	29 7.96	3.2247	0.0042	7 0 12.6	7.603	0.432	93.9	87 160 333	7 4991
6815	9.1	29 15.75	3.2421	0.0045	7 48 7.1	7.614	0.434	93.5	148 156	7 4993
6816	9.4	19 29 27.57	+3.2193	−0.0043	−6 45 35.1	+7.630	+0.430	93.0	64 153	6 5186
6817	9.2	29 29.79	3.2426	0.0045	7 49 23.3	7.633	0.433	93.6	148 163	7 4994
6818	9.2	29 30.94	3.2328	0.0044	7 22 44.2	7.634	0.432	93.6	147 167	7 4995
6819	9.4	29 33.82	3.2218	0.0043	6 52 46.6	7.638	0.431	93.0	67 150	6 5189
6820	9.1	29 40.30	3.2405	0.0045	7 43 47.8	7.647	0.433	94.1	161 267	7 4996
6821	9.4	19 29 46.43	+3.2523	−0.0046	−8 15 59.6	+7.655	+0.435	93.0	77 149	8 5035
6822	9.3	29 53.89	3.2533	0.0046	8 19 10.6	7.665	0.435	93.0	77 149	8 5036
6823	9.2	29 57.68	3.2466	0.0046	8 0 54.7	7.671	0.434	94.1	158 268	8 5037
6824	9.3	30 2.25	3.2043	0.0041	6 4 58.4	7.677	0.428	93.1	80 163	6 5192
6825	*6.9	30 5.91	3.2393	0.0045	7 40 42.2	7.682	0.433	94.1	161 267*	7 4998
6826	8.1	19 30 12.04	+3.2791	−0.0049	−9 29 35.3	+7.690	+0.438	93.5	145 154	9 5179
6827	8.2	30 12.11	3.2360	0.0045	7 32 8.6	7.690	0.433	93.1	89 167	7 5000
6828	9.1	30 19.44	3.2104	0.0042	6 21 58.0	7.700	0.429	93.1	67 168	6 5195
6829	9.2	30 21.05	3.2243	0.0043	6 59 55.9	7.702	0.431	93.6	87 160 267	7 5001
6830	8.7	30 34.09	3.1976	0.0040	5 46 48.8	7.720	0.426	93.1	80 153	5 5016
6831	8.6	19 30 37.49	+3.2748	−0.0049	−9 18 15.7	+7.724	+0.437	94.1	157 264	9 5183
6832	8.9	30 53.02	3.2552	0.0047	8 25 1.0	7.745	0.434	93.1	83 158	8 5043
6833	8.3	30 55.23	3.2799	0.0051	9 32 29.0	7.748	0.438	93.5	145 154	9 5184
6834	9.2	30 58.28	3.2076	0.0041	6 14 37.6	7.752	0.428	93.1	84 168	6 5200
6835	8.5	31 5.32	3.2064	0.0042	6 11 28.5	7.761	0.428	93.1	84 162	6 5201
6836	8.1	19 31 22.18	+3.1983	−0.0041	−5 49 6.5	+7.784	+0.426	94.1	163 269	5 5022
6837	5.0	31 30.70	3.2294	0.0043	7 14 59.5	7.796	0.432		**Fund. Cat.**	7 5006
6838	8.4	31 47.42	3.2519	0.0048	8 16 47.2	7.818	0.433	93.1	77 158	8 5050
6839	7.8	32 6.89	3.2887	0.0052	9 57 19.0	7.844	0.438	93.5	145 157	10 5135
6840	9.5	32 18.51	3.2300	0.0045	7 17 12.9	7.860	0.430	94.1	160 267	7 5011
6841	9.3	19 32 22.89	+3.2066	−0.0042	−6 12 44.1	+7.866	+0.427	93.1	84 162	6 5210
6842	9.0	32 24.40	3.2021	0.0042	6 0 31.8	7.868	0.426	94.1	163 270	6 5211
6843	9.2	32 29.39	3.2187	0.0044	6 46 11.4	7.874	0.428	94.1	153 270	6 5212
6844	8.3	32 29.72	3.2099	0.0043	6 22 4.9	7.875	0.427	94.1	167 269	6 5213
6845	9.0	32 32.61	3.2774	0.0051	9 27 11.1	7.879	0.436	94.1	157 268	9 5190
6846	8.9	19 32 36.93	+3.1977	−0.0041	−5 48 17.4	+7.884	+0.425	94.1	167 269	5 5029
6847	9.2	32 40.65	3.2315	0.0045	7 21 46.6	7.889	0.430	94.2	168 271	7 5013
6848	8.7	32 45.67	3.2872	0.0053	9 54 8.4	7.896	0.438	93.6	145 168	10 5138
6849	9.1	32 50.57	3.2753	0.0051	9 21 34.6	7.903	0.435	94.1	157 264	9 5192
6850	8.7	32 58.42	3.2571	0.0049	8 32 21.2	7.913	0.433	93.0	69 158	8 5055

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6851	9.0	$19^h\ 33^m\ 31^s.03$	$+3^s.2831$	$-0^s.0052$	−9° 43′ 39″.1	+7″.957	+0″.436	93.5	145 157	9° 5195
6852	8.8	33 34.45	3.2370	0.0047	7 37 27.9	7.962	0.430	93.1	89 155	7 5018
6853	8.9	33 35.63	3.2009	0.0043	5 57 39.6	7.963	0.425	94.1	153 269	6 5217
6854	9.3	33 38.26	3.2684	0.0050	9 3 42.3	7.967	0.434	94.1	154 268	9 5196
6855	*8.7	33 38.99	3.2598	0.0049	8 40 12.9	7.968	0.433	93.0	69 149*	8 5057
6856	8.8	19 34 1.99	+3.2330	−0.0046	−7 26 56.0	+7.998	+0.428	93.5	147 156	7 5022
6857	8.8	34 12.10	3.2259	0.0045	7 7 26.3	8.012	0.427	93.1	87 155	7 5023
6858	8.3	34 18.07	3.2078	0.0044	6 17 29.8	8.020	0.425	93.1	84 161	6 5221
6859	7.6	34 18.08	3.2217	0.0045	6 56 10.5	8.020	0.427	94.1	160 267	7 5024
6860	8.4	34 34.37	3.2096	0.0044	6 22 50.6	8.042	0.425	93.0	67 153	6 5222
6861	7.5	19 34 40.17	+3.2492	−0.0049	−8 12 13.3	+8.049	+0.431	93.1	77 158	8 5062
6862	8.9	34 42.18	3.2086	0.0044	6 19 59.1	8.052	0.425	93.0	67 153	6 5223
6863	8.6	34 56.09	3.2031	0.0043	6 4 56.5	8.071	0.424	93.1	84 163	6 5226
6864	8.8	35 4.51	3.2413	0.0049	7 50 40.7	8.082	0.429	93.5	147 156	7 5026
6865	8.6	35 10.23	3.2521	0.0050	8 20 55.2	8.090	0.430	93.0	69 158	8 5064
6866	9.3	19 35 16.78	+3.2200	−0.0046	−6 52 8.8	+8.098	+0.426	94.1	163 270	6 5227
6867	6.9	35 20.91	3.2390	0.0048	7 44 29.9	8.104	0.428	93.1	87 160	7 5028
6868	8.3	35 21.32	3.2743	0.0052	9 21 45.7	8.104	0.433	93.9	154 157 264	9 5203
6869	9.0	35 23.31	3.2555	0.0050	8 30 14.9	8.107	0.431	93.1	83 149	8 5066
6870	9.2	35 26.48	3.2549	0.0050	8 28 30.2	8.111	0.430	93.1	83 149	8 5067
6871	8.9	19 35 27.28	+3.2415	−0.0049	−7 51 47.3	+8.112	+0.429	93.5	147 155	7 5029
6872	9.0	35 28.34	3.2372	0.0048	7 39 41.7	8.114	0.428	93.1	89 160	7 5030
6873	9.0	35 34.20	3.2465	0.0049	8 5 31.8	8.122	0.429	93.1	77 167	8 5068
6874	8.4	35 38.95	3.2806	0.0053	9 39 11.6	8.128	0.434	93.5	145 154	9 5204
6875	9.3	35 40.30	3.2610	0.0051	8 45 33.7	8.130	0.431	94.1	167 268	8 5069
6876	9.3	19 35 52.29	+3.2287	−0.0046	−7 16 43.3	+8.146	+0.427	94.1	168 267	7 5032
6877	8.9	35 54.21	3.2106	0.0045	6 26 28.1	8.148	0.424	93.0	64 159	6 5230
6878	9.1	36 0.72	3.2002	0.0044	5 57 35.9	8.157	0.423	93.1	67 163	6 5233
6879	8.6	36 11.38	3.2630	0.0052	8 51 41.4	8.171	0.431	93.1	86 158	8 5073
6880	9.1	36 26.07	3.2240	0.0046	7 3 46.8	8.191	0.425	93.6	147 168	7 5036
6881	6.6	19 36 35.36	+3.2752	−0.0053	−9 25 30.2	+8.203	+0.432	94.1	157 264	9 5209
6882	9.1	36 38.06	3.2613	0.0051	8 47 36.6	8.207	0.430	93.1	69 168	8 5074
6883	9.1	36 49.65	3.2854	0.0055	9 53 43.8	8.222	0.434	94.5	145 333	10 5157
6884	8.6	36 52.09	3.2782	0.0054	9 34 4.4	8.225	0.433	94.1	154 268	9 5213
6885	8.2	36 57.59	3.2075	0.0045	6 18 44.6	8.233	0.423	93.6	64 161 271	6 5237
6886	8.9	19 37 6.11	+3.2434	−0.0050	−7 58 18.7	+8.244	+0.428	93.1	77 162	8 5075
6887	9.1	37 14.97	3.1981	0.0045	5 52 46.3	8.256	0.421	93.1	84 153	5 5043
6888	8.4	37 17.24	3.2754	0.0053	9 26 45.9	8.259	0.431	94.1	157 264	9 5216
6889	9.4	37 21.95	3.2622	0.0052	8 50 27.1	8.265	0.430	94.1	163 268	8 5076
6890	8.3	37 24.86	3.2160	0.0046	6 42 32.9	8.269	0.423	93.1	67 159	6 5241
6891	9.2	19 37 33.85	+3.2602	−0.0052	−8 45 23.0	+8.281	+0.429	93.0	69 149	8 5077
6892	7.3	37 37.77	3.2555	0.0052	8 32 30.3	8.286	0.429	93.1	83 158	8 5078
6893	9.2	37 40.67	3.2267	0.0048	7 12 38.3	8.290	0.425	92.9	87 89 156	7 5042
6894	7.7	37 41.39	3.2560	0.0052	8 33 51.3	8.291	0.429	93.1	83 158	8 5079
6895	8.8	37 43.03	3.2431	0.0050	7 58 10.6	8.293	0.427	93.1	77 167	8 5080
6896	8.5	19 37 53.48	+3.2082	−0.0046	−6 21 21.8	+8.307	+0.422	93.0	64 161	6 5242
6897	8.3	37 54.19	3.2524	0.0051	8 24 4.6	8.308	0.428	93.1	86 167	8 5081
6898[1]	...	38 7.09	3.2720	0.0054	9 18 16.2	8.325	0.431	93.5	145 157	9 5219
6899	9.4	38 8.70	3.2000	0.0045	5 58 19.3	8.327	0.421	93.1	84 168	6 5243
6900	8.0	38 11.47	3.2597	0.0052	8 44 33.8	8.331	0.429	93.0	69 149	8 5082

[1] Dpl. med. ($8^m.8$ $9^m.1$)

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
6901	9.2	19h 38m 17s.97	+3s.2271	−0s.0048	−7° 14′ 15″.3	+8″.339	+0″.425	93.1	89 156	7° 5045
6902	9.5	38 21.83	3.2868	0.0056	9 59 8.2	8.344	0.433	94.1	163 264	10 5167
6903	8.7	38 25.37	3.2791	0.0055	9 38 11.8	8.349	0.431	94.1	154 268	9 5223
6904	9.5	38 37.64	3.2637	0.0053	8 55 55.0[1]	8.365	0.429	94.1 96.9	168 264 429δ	9 5225
6905	9.5	38 40.34	3.2187	0.0047	6 51 10.3	8.369	0.423	94.1	153 270	6 5246
6906	9.1	19 38 48.69	+3.2401	−0.0050	−7 50 47.4	+8.380	+0.426	93.5	147 160	7 5047
6907	*8.8	38 51.11	3.2563	0.0052	8 35 54.0	8.383	0.428	93.1	86* 162	8 5085
6908	8.9	39 3.30	3.2327	0.0050	7 30 31.6	8.399	0.425	95.1 97.6	267 333 431δ	7 5050
6909	9.0	39 9.08	3.2288	0.0049	7 19 48.4	8.407	0.424	93.1	89 160	7 5051
6910	9.4	39 21.41	3.2169	0.0048	6 46 35.3	8.423	0.422	93.6	67 159 270	6 5248
6911	8.8	19 39 22.00	+3.2555	−0.0053	−8 33 55.9	+8.424	+0.428	94.1	158 268	8 5090
6912	9.4	39 30.23	3.2606	0.0053	8 48 25.2	8.435	0.427	94.1	163 271	8 5093
6913	8.8	39 34.58	3.2420	0.0051	7 57 1.1	8.441	0.425	93.1	77 167	8 5094
6914	8.4	39 36.77	3.2621	0.0054	8 52 34.9	8.444	0.428	93.1	86 149	8 5095
6915	8.6	39 41.72	3.2471	0.0052	8 11 12.2	8.450	0.426	93.1	83 162	8 5096
6916	8.7	19 39 43.07	+3.2787	−0.0056	−9 38 29.9	+8.452	+0.430	93.5	145 154	9 5230
6917	8.6	39 54.68	3.2390	0.0050	7 48 56.4	8.467	0.424	93.5	147 156	7 5055
6918	9.4	39 59.75	3.2083	0.0047	6 23 0.4	8.474	0.420	93.6	64 153 270	6 5253
6919	8.6	40 3.29	3.2172	0.0048	6 48 10.8	8.479	0.421	93.1	84 159	6 5254
6920	8.4	40 5.47	3.2270	0.0049	7 15 31.9	8.482	0.423	94.1	155 267	7 5056
6921	8.6	19 40 34.00	+3.2391	−0.0050	−7 49 45.9	+8.519	+0.423	93.5	147 155 156	7 5057
6922	9.0	40 38.42	3.2235	0.0048	7 6 18.5	8.525	0.421	93.3	89 160 167	7 5058
6923	8.7	40 39.45	3.2566	0.0053	8 38 37.3	8.526	0.426	93.0	69 158	8 5098
6924	9.2	41 39.64	3.1987	0.0047	5 57 33.4	8.606	0.417	93.1	67 159	6 5260
6925	7.8	41 43.15	3.2509	0.0053	8 23 50.1	8.611	0.424	92.9	69 77 149	8 5103
6926	8.0	19 41 46.23	+3.2377	−0.0051	−7 47 0.2	+8.614	+0.422	93.5 96.5	147 156 429δ	7 5060
6927	9.0	41 54.13	3.2626	0.0055	8 56 34.7	8.625	0.426	93.6	145 154 167	9 5244
6928	7.8	42 0.02	3.2120	0.0048	6 35 13.7	8.633	0.419	93.6	64 153 271	6 5263
6929	8.5	42 0.30	3.2839	0.0058	9 55 31.3	8.633	0.429	93.5	145 157	10 5183
6930	8.1	42 19.34	3.2334	0.0051	7 35 32.9	8.658	0.422	93.1	89 155	7 5061
6931	8.9	19 43 27.51	+3.2479	−0.0054	−8 17 16.3	+8.748	+0.423	93.0	69 149	8 5111
6932	*8.8	43 46.87	3.2446	0.0053	8 8 1.8	8.773	0.421	93.3	83 149* 167	8 5112
6933	8.2	43 48.23	3.2668	0.0057	9 10 19.9	8.775	0.425	93.5	145 154 157	9 5253
6934	8.8	43 54.46	3.2049	0.0049	6 16 39.8	8.783	0.416	92.9	64 84 153	6 5269
6935	*8.8	43 58.61	3.2419	0.0053	8 0 50.8	8.788	0.421	93.1	83 149*	8 5114
6936[2]	9.0	19 44 1.59	+3.2545	−0.0055	−8 36 14.0	+8.792	+0.423	93.1	86 158	8 5115
6937	9.1	44 10.65	3.2476	0.0054	8 17 14.2	8.804	0.422	93.1	69 162	8 5117
6938	8.9	44 15.87	3.2211	0.0050	7 2 47.8	8.811	0.418	93.9	89 156 334	7 5072
6939	8.9	44 49.80	3.2595	0.0056	8 51 12.0	8.855	0.423	93.1	86 158	8 5121
6940	9.1	45 0.08	3.2587	0.0056	8 49 9.5	8.869	0.422	93.1	83 158	8 5123
6941	8.7	19 45 5.70	+3.2266	−0.0052	−7 18 52.1	+8.876	+0.418	93.1	89 156	7 5076
6942	*8.9	45 7.36	3.2290	0.0052	7 25 50.3	8.879	0.418	94.1	160* 267	7 5077
6943	8.8	45 20.21	3.1995	0.0048	6 2 40.7	8.895	0.414	93.0	64 153	6 5275
6944	*9.0	45 31.39	3.2266	0.0052	7 19 27.4	8.910	0.417	93.1	89 156*	7 5080
6945	8.9	45 33.50	3.2680	0.0058	9 15 49.0	8.913	0.423	94.1	157 268	9 5263
6946	8.8	19 45 34.71	+3.2647	−0.0057	−9 6 23.9	+8.914	+0.422	94.1	157 268	9 5264
6947	9.2	45 41.66	3.2833	0.0060	9 58 35.7	8.923	0.425	94.1	168 270	10 5200
6948	8.1	45 52.86	3.2790	0.0060	9 46 47.3	8.938	0.424	94.1	157 268	9 5267
6949	9.3	45 57.72	3.2256	0.0052	7 17 2.2	8.944	0.417	94.6	156 270 334	7 5083
6950	8.8	46 44.82	3.2109	0.0050	6 36 6.3	9.006	0.414	93.0	64 153	6 5284

[1] 53″.5 56″.1 55″.3 [2] Z. 86: Dpl.?

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
6951	9.3	19ʰ 46ᵐ 45ˢ.66	+3ˢ.2677	−0ˢ.0059	−9° 16′ 12″.1	+9″.007	+0″.422	94.1	157 264	9° 5270
6952	8.4	46 51.35	3.2793	0.0060	9 48 59.1	9.014	0.422	94.1	167 268	9 5272
6953	9.3	47 11.02	3.2657	0.0059	9 11 7.9	9.040	0.421	95.1	264 334	9 5275
6954	8.5	47 20.21	3.1941	0.0049	5 48 31.6	9.052	0.411	93.1	67 159	5 5091
6955	8.1	47 21.91	3.2394	0.0055	7 57 10.2	9.054	0.418	93.0	69 149	8 5141
6956	8.4	19 47 24.85	+3.2013	−0.0049	−6 9 8.6	+9.058	+0.412	93.1	84 153	6 5286
6957	9.2	47 33.09	3.2161	0.0052	6 51 19.1	9.069	0.414	94.1	168 270	6 5289
6958	8.6	47 34.09	3.2085	0.0050	6 29 52.5	9.070	0.412	93.1	64 163	6 5290
6959	9.0	47 44.62	3.2513	0.0057	8 31 28.7	9.083	0.419	93.1	83 149	8 5144
6960	9.2	47 48.75	3.2264	0.0053	7 20 43.4	9.089	0.415	93.1	89 156	7 5090
6961	7.7	19 47 54.86	+3.1936	−0.0049	−5 47 51.4	+9.097	+0.411	93.1	67 159	5 5096
6962	8.5	47 59.35	3.2205	0.0052	7 4 21.6	9.103	0.414	93.1	72 160	7 5091
6963	8.6	48 1.61	3.2034	0.0050	6 15 45.1	9.105	0.412	93.1	84 163	6 5294
6964	9.0	48 3.52	3.2035	0.0050	6 15 54.6	9.108	0.412	93.1	84 163	6 5295
6965	8.3	48 3.90	3.2335	0.0054	7 41 14.3	9.108	0.416	93.1	87 160	7 5092
6966	8.9	19 48 6.20	+3.2615	−0.0059	−9 0 33.3	+9.111	+0.420	94.1	167 268	9 5278
6967	8.8	48 37.61	3.2190	0.0052	7 0 49.3	9.152	0.413	93.1	72 168	7 5094
6968	5.8	48 42.74	3.2575	0.0058	8 50 2.3	9.159	0.419	93.0	69 158	8 5150
6969	8.4	49 11.32	3.2109	0.0052	6 38 22.5	9.196	0.412	93.6	64 159 271	6 5300
6970	*6.1	49 12.84	3.2499	0.0058	8 29 16.1	9.198	0.417	93.9	69 149* 334	8 5154
6971	6.2	19 49 13.23	+3.2501	−0.0058	−8 29 51.3	+9.198	+0.417	93.9	69 149 343	8 5155
6972	8.7	49 33.64	3.2215	0.0053	7 8 48.5	9.225	0.412	93.1	89 156	7 5098
6973	8.5	49 33.93	3.2252	0.0054	7 19 0.3	9.225	0.413	94.1	162 267	7 5099
6974	8.8	49 38.50	3.2335	0.0055	7 43 10.7	9.231	0.414	93.1	87 160	7 5100
6975	8.9	49 41.58	3.2388	0.0056	7 58 10.9	9.235	0.415	93.1	77 163	8 5157
6976	8.6	19 49 41.86	+3.2227	−0.0054	−7 12 15.2	+9.236	+0.413	93.1	89 156	7 5101
6977	*7.6	49 49.28	3.2409	0.0056	8 4 8.3	9.245	0.415	93.1	86 158*	8 5160
6978	9.0	49 49.55	3.2048	0.0051	6 21 7.4	9.245	0.410	93.0	64 153	6 5305
6979	*7.0	49 57.76	3.2182	0.0053	6 59 44.9	9.256	0.412	93.1	72 162*	7 5102
6980	9.0	50 10.97	3.2607	0.0060	9 0 42.5	9.273	0.418	94.1	157 264	9 5288
6981	9.1	19 50 12.67	+3.2404	−0.0056	−8 3 16.7	+9.275	+0.415	93.1	86 158	8 5166
6982	*8.8	50 13.52	3.2474	0.0058	8 23 9.5	9.276	0.416	94.1	163* 270	8 5165
6983	8.6	50 14.30	3.2607	0.0060	9 0 55.6	9.277	0.418	94.1	157 264	9 5289
6984	8.6	50 19.72	3.2176	0.0053	6 58 25.1	9.285	0.412	97.6	72 431	7 5103
6985	8.9	50 23.33	3.2413	0.0056	8 5 54.5	9.289	0.415	93.1	77 158	8 5168
6986	8.9	19 50 25.29	+3.2718	−0.0062	−9 32 23.8	+9.292	+0.419	94.1	167 268	9 5290
6987	9.1	50 27.14	3.2793	0.0063	9 53 44.2	9.294	0.420	94.1	167 268	10 5226
6988	9.0	50 41.11	3.2464	0.0057	8 20 47.5	9.312	0.415	94.1	163 270	8 5169
6989	8.9	50 44.04	3.2602	0.0060	8 59 55.8	9.316	0.417	94.1	157 264	9 5294
6990	9.0	50 51.28	3.2443	0.0057	8 14 46.8	9.325	0.415	94.1	149 270	8 5170
6991	8.4	19 50 59.63	+3.2206	−0.0053	−7 7 19.4	+9.336	+0.411	93.1	84 168	7 5106
6992	9.1	51 17.76	3.2264	0.0055	7 24 11.8	9.359	0.412	94.1	160 267	7 5108
6993	9.2	51 18.37	3.2423	0.0058	8 9 36.9	9.360	0.414	93.0	69 149	8 5171
6994	9.3	51 20.78	3.2068	0.0052	6 28 25.6	9.363	0.408	93.6	64 153 271	6 5310
6995	8.4	51 40.91	3.2684	0.0062	9 24 15.6	9.389	0.417	94.1	167 268	9 5297
6996	7.8	19 51 48.80	+3.2318	−0.0056	−7 40 17.6	+9.399	+0.412	93.1	87 156	7 5114
6997	6.7	52 3.14	3.2168	0.0054	6 57 38.7	9.418	0.410	93.1	72 163	7 5115
6998	*8.6	52 4.13	3.2462	0.0058	8 21 34.9	9.419	0.414	92.9	83 86 158*	8 5175
6999	*9.0	52 12.80	3.2129	0.0053	6 46 40.0	9.430	0.409	93.6	64* 153 172 270	6 5313
7000	9.1*	52 15.26	3.2151	0.0054	6 53 2.7	9.434	0.410	94.1	160 267	7 5116

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7001	8.7	19h 52m 19s.72	+3s.2698	−0s.0062	−9° 29′ 13″.2	+9″.439	+0″.416	94.1	162 264	9° 5302
7002[1]	7.7	52 27.33	3.2664	0.0062	9 19 35.5	9.449	0.416	94.1	157 268	9 5303
7003	9.0	52 29.04	3.2223	0.0055	7 13 39.2	9.451	0.410	93.1	89 156	7 5117
7004	8.6	52 34.03	3.2667	0.0062	9 20 33.3	9.458	0.416	94.1	157 268	9 5304
7005	7.8	52 36.46	3.2115	0.0053	6 42 47.9	9.461	0.408	93.1	67 159	6 5319
7006	*8.5	19 52 47.98	+3.2443	−0.0058	−8 17 13.0	+9.476	+0.413	93.0	69 158*	8 5178
7007	8.2	52 53.42	3.2094	0.0053	6 37 12.5	9.483	0.408	93.6	67 159 271	6 5320
7008	9.0	53 21.90	3.2208	0.0056	7 10 18.5	9.519	0.409	92.9	84 89 160	7 5126
7009	8.9	53 24.82	3.2491	0.0060	8 31 47.0[2]	9.523	0.413	93.3	83 149 169	8 5182
7010	9.2	53 36.33	3.2767	0.0065	9 50 27.5	9.538	0.416	94.1 96.9	167 264 429δ	9 5308
7011	9.2	19 53 46.18	+3.2155	−0.0055	−6 55 32.1	+9.550	+0.408	93.1	87 163	7 5128
7012	9.0	53 47.27	3.2375	0.0058	7 58 50.3	9.552	0.411	93.3	77 158 168	8 5185
7013	7.9	54 0.28	3.2454	0.0059	8 21 39.0	9.568	0.412	92.9	69 86 149	8 5186
7014	8.6	54 14.38	3.2103	0.0054	6 41 2.8	9.586	0.407	93.0	64 153	6 5326
7015	8.5	54 15.85	3.2621	0.0062	9 9 39.7	9.588	0.413	94.1	157 264	9 5311
7016[3]	9.1	19 54 30.63	+3.2006	−0.0053	−6 13 23.3	+9.607	+0.405	93.6	84 153 167 271	6 5327
7017	9.1	54 45.68	3.1947	0.0052	5 56 16.3	9.627	0.404	94.1 93.6	67δ 159 270	6 5331
7018	8.6	54 52.20	3.2571	0.0062	8 56 27.4	9.635	0.412	94.1	162 264	9 5316
7019	9.2	55 22.11	3.2455	0.0061	8 23 27.9	9.673	0.410	93.3	69 158 168	8 5194
7020	9.0	55 31.35	3.2520	0.0062	8 42 26.3	9.685	0.411	93.1	83 149	8 5196
7021	9.1	19 55 48.22	+3.2235	−0.0057	−7 20 37.2	+9.706	+0.407	93.1	72 160	7 5143
7022	9.0	55 49.34	3.2184	0.0056	7 5 59.5	9.708	0.406	93.1	89 160	7 5144
7023	8.9	55 54.40	3.2605	0.0063	9 7 17.2	9.714	0.412	94.1	162 268	9 5323
7024	7.6	55 56.44	3.2739	0.0065	9 45 47.1	9.717	0.414	94.1	157 268	9 5324
7025	8.5	56 15.05	3.2090	0.0055	6 39 2.5	9.741	0.405	93.0	64 159	6 5339
7026	8.8	19 56 19.97	+3.2771	−0.0066	−9 55 26.5	+9.747	+0.413	94.1	157 264	10 5249
7027	8.9	56 20.50	3.2255	0.0057	7 26 58.4	9.748	0.407	93.1	87 163	7 5146
7028	8.9	56 29.50	3.2106	0.0055	6 43 52.8	9.759	0.405	93.1	84 153	6 5341
7029	9.2	56 30.63	3.2235	0.0057	7 21 34.5	9.760	0.406	93.1	72 163	7 5147
7030	8.8	56 35.39	3.2059	0.0055	6 30 40.9	9.767	0.404	94.1 93.6	67δ 159 270	6 5342
7031	8.9	19 56 40.56	+3.2076	−0.0055	−6 35 43.5	+9.773	+0.404	93.1	84 159	6 5343
7032	9.1	56 48.52	3.2390	0.0059	8 6 34.4	9.783	0.408	93.0	69 158	8 5200
7033	9.2	56 50.89	3.2294	0.0058	7 38 56.2	9.786	0.407	94.1	160 270	7 5149
7034	8.7	57 1.04	3.2266	0.0059	7 30 43.6	9.799	0.406	93.1	87 162	7 5151
7035	8.9	57 9.72	3.2753	0.0067	9 51 28.3	9.810	0.412	94.1	157 264	9 5332
7036	9.0	19 57 12.83	+3.2244	−0.0058	−7 24 51.3	+9.814	+0.406	93.1	72 163	7 5152
7037	9.0	57 20.00	3.2084	0.0056	6 38 35.3	9.823	0.404	93.0	64 153	6 5345
7038	9.1	57 25.86	3.1908	0.0053	5 47 14.9	9.831	0.401	94.1	167 271	5 5140
7039	9.0	57 27.72	3.2621	0.0065	9 14 2.4	9.833	0.410	94.6	173 268 334	9 5335
7040	8.4	57 31.00	3.2591	0.0064	9 5 27.9	9.837	0.410	95.0	168 332 334	9 5336
7041	8.8	19 57 32.29	+3.2217	−0.0058	−7 17 26.1	+9.839	+0.405	94.1	170 267	7 5154
7042	7.7	57 35.24	3.2638	0.0065	9 19 4.2	9.843	0.411	94.3	168 268 271	9 5337
7043	9.1	57 38.61	3.2097	0.0056	6 42 36.7	9.847	0.403	93.2	84 172	6 5346
7044	8.1	57 40.39	3.2358	0.0060	7 58 26.8	9.849	0.407	93.0	69 149	8 5205
7045	8.9	57 42.71	3.2262	0.0059	7 30 34.8	9.852	0.406	93.1	87 163	7 5155
7046	9.2	19 57 44.37	+3.2067	−0.0056	−6 33 50.1	+9.854	+0.403	94.2	172 273	6 5347
7047	9.0	57 55.82	3.1963	0.0054	6 3 42.9	9.869	0.401	94.1	167 270	6 5348
7048	8.9	58 24.00	3.2570	0.0064	9 0 31.5	9.905	0.409	94.1	157 268	9 5340
7049[4]	*7.9	58 33.93	3.2652	0.0065	9 24 24.1	9.917	0.410	94.1	168 264*	9 5343
7050	*9.0	58 35.04	3.2666	0.0065	9 28 37.8	9.918	0.410	94.1	162 264*	9 5344

[1] Dpl. praec. [2] 46″.7 45″.9 48″.4 [3] Z. 153: 9m.7 nahe, praec. [4] Z. 264: Dpl.? maj.

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
7051	6.6	19^h 58^m 38^{s}25	+3^{s}2308	−0^{s}0059	−7° 44′ 58″6	+ 9″923	+0″404	93.1	89 160	7° 5159
7052	9.2	58 47.84	3.1984	0.0055	6 10 41.9	9.935	0.401	94.1	153 271	6 5350
7053	9.0	58 53.40	3.2362	0.0060	8 1 4.3	9.942	0.405	93.6	86 149 169 276	8 5212
7054	8.9	58 53.65	3.2008	0.0055	6 18 3.0	9.942	0.401	94.1	159 270	6 5351
7055	8.8	59 1.11	3.2488	0.0064	8 37 35.9	9.952	0.407	93.1	83 158	8 5214
7056	8.1	19 59 1.34	+3.2716	−0.0067	−9 43 19.8	+ 9.952	+0.409	94.1	163 268	9 5347
7057	8.6	59 43.35	3.2470	0.0063	8 33 21.6	10.005	0.406	93.1	83 158	8 5216
7058	8.9	59 49.30	3.2498	0.0064	8 41 19.9	10.012	0.406	94.1	158 267	8 5218
7059	*8.0	59 49.98	3.2435	0.0063	8 23 18.1	10.013	0.405	93.1	86 162*	8 5217
7060	8.5	59 59.15	3.2121	0.0058	6 52 8.0	10.025	0.402	93.1	64 167	6 5360
7061	8.7	20 0 0.63	+3.1960	−0.0055	−6 4 48.1	+10.027	+0.399	94.0	159 172 270	6 5361
7062	9.0	0 5.10	3.2345	0.0061	7 57 14.9	10.032	0.404	93.0	69 149	8 5219
7063	8.6	0 21.36	3.1982	0.0056	6 11 35.2	10.053	0.400	93.1	84 153	6 5366
7064	*8.5	0 31.85	3.2436	0.0063	8 24 21.5	10.066	0.404	93.1	77 162*	8 5223
7065	8.9	0 45.73	3.1883	0.0054	5 42 46.1	10.084	0.397	93.1	76 159	5 5156
7066	9.0	20 0 52.23	+3.2511	−0.0064	−8 46 40.9	+10.092	+0.405	94.1	163 271	8 5229
7067	9.1	0 53.52	3.2725	0.0067	9 48 39.6	10.094	0.408	94.1	157 264	9 5354
7068	8.9	0 54.03	3.2213	0.0059	7 19 53.1	10.094	0.402	93.1	72 160	7 5166
7069	9.1	1 2.38	3.2486	0.0064	8 39 34.8	10.105	0.405	94.1	163 271	8 5230
7070	9.0	1 18.61	3.2193	0.0060	7 14 27.2	10.125	0.401	93.1	72 160	7 5168
7071	8.1	20 1 22.08	+3.2205	−0.0060	−7 18 4.5	+10.130	+0.401	93.1	87 160	7 5169
7072	8.8	1 23.32	3.2415	0.0063	8 19 30.0	10.131	0.403	93.1	77 162	8 5234
7073[1]	7.4	1 30.16	3.2596	0.0067	9 12 5.0	10.140	0.405	94.1	157 268	9 5357
7074	9.1	1 36.44	3.2406	0.0063	8 16 59.1	10.148	0.403	93.1	83 169	8 5236
7075	*8.1	1 39.44	3.2444	0.0064	8 28 8.2	10.151	0.403	93.1	86 169*	8 5237
7076	*9.3	20 1 53.87	+3.2511	−0.0065	−8 48 3.2	+10.170	+0.404	94.2	169* 276	8 5238
7077	9.0	1 54.03	3.2065	0.0058	6 37 25.3	10.170	0.399	94.1	167 273	6 5374
7078	9.0	2 8.62	3.2061	0.0058	6 36 31.5	10.188	0.398	94.1	159 273	6 5376
7079	9.3	2 14.71	3.2155	0.0059	7 4 4.1	10.196	0.399	94.2	172 274	7 5174
7080	9.1	2 24.99	3.2610	0.0067	9 17 33.7	10.209	0.405	94.1	157 268	9 5363
7081	8.8	20 2 29.27	+3.2682	−0.0068	−9 38 39.5	+10.214	+0.405	94.1	173 264	9 5364
7082	9.0	2 30.91	3.2469	0.0064	8 36 41.1	10.216	0.403	94.1	163 271	8 5242
7083	8.7	2 40.69	3.2247	0.0061	7 31 40.7	10.228	0.400	93.1	87 168	7 5175
7084	9.0	2 42.68	3.2245	0.0061	7 31 5.9	10.231	0.400	93.6	87 168 267	7 5176
7085	**6.7**	**2 46.33**	**3.2149**	**0.0059**	**7 3 1.9**	**10.235**	**0.401**		**Fund. Cat.**	**7 5177**
7086	9.3	20 2 52.74	+3.1944	−0.0056	−6 2 49.7	+10.243	+0.396	93.1	84 153	6 5380
7087	8.5	3 0.64	3.2219	0.0060	7 23 45.9	10.253	0.399	94.1	168 267	7 5179
7088	8.8	3 3.88	3.2430	0.0064	8 25 50.1	10.257	0.402	93.1	69 169	8 5246
7089	8.9	3 4.43	3.2282	0.0061	7 42 16.5	10.258	0.400	94.4	170 277 278	7 5180
7090	8.2	3 21.26	3.2201	0.0060	7 18 40.9	10.279	0.399	93.1	72 162	7 5183
7091	9.3	20 4 1.30	+3.2230	−0.0061	−7 28 21.5	+10.329	+0.398	94.1	168 267	7 5185
7092	8.6	4 7.89	3.2481	0.0066	8 42 25.4	10.337	0.401	93.1	69 163	8 5249
7093	8.7	4 11.75	3.2634	0.0068	9 27 8.5	10.342	0.403	94.1	157 264	9 5373
7094	9.4	4 29.22	3.2229	0.0061	7 28 34.2	10.364	0.398	94.1	168 267	7 5188
7095	8.8	4 35.33	3.2410	0.0064	8 22 3.5	10.372	0.400	93.1	77 158	8 5251
7096	8.9	20 4 43.64	+3.2457	−0.0065	−8 36 8.7	+10.382	+0.400	93.1	69 167	8 5253
7097	9.3	4 50.20	3.2435	0.0065	8 29 49.2	10.390	0.400	94.1	163 268	8 5255
7098	9.6	4 51.17	3.2278	0.0062	7 43 21.0	10.392	0.398	94.2	170 274	7 5191
7099	9.2	4 59.78	3.1916	0.0057	5 56 15.6	10.402	0.394	93.1	76 153	6 5390
7100	9.1	5 4.73	3.2570	0.0068	9 9 50.3[2]	10.408	0.401	93.9	157 173 191 268	9 5377

[1] Dpl. praec., com. 9^{m}5 [2] 49″9 50″2 51″1(½) 50″3

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7101	7.7	$20^h\ 5^m\ 10^s.03$	$+3^s.2020$	$-0^s.0058$	$-6°\ 27'\ 28''.3$	$+10''.415$	$+0''.394$	93.1	84 159	6° 5391
7102	9.1	5 30.22	3.2111	0.0060	6 54 49.3	10.440	0.395	94.2	172 271	7 5193
7103	6.5	5 44.76	3.2561	0.0068	9 8 18.8	10.458	0.400	94.1	157 264	9 5382
7104	7.5	5 46.15	3.2003	0.0058	6 23 1.2	10.460	0.394	94.1	162 273	6 5394
7105	9.5	5 48.19	3.2384	0.0064	8 15 52.9	10.463	0 399	94.1	158 270	8 5263
7106	*8.1	20 6 1.46	+3.2230	−0.0062	−7 30 42.7	+10.479	+0.396	93.1	89* 165	7 5198
7107	7.9	6 14.67	3.2246	0.0062	7 35 41.5	10.495	0.396	94.1	165 267	7 5200
7108	8.2	6 15.99	3.2014	0.0059	6 26 48.2	10.497	0.393	93.1	76 162	6 5397
7109	9.5	6 17.42	3.2435	0.0066	8 31 30.3	10.499	0.398	94.2	163 276	8 5266
7110	8.8	6 19.59	3.2496	0.0067	8 49 44.5	10.502	0.399	94.2	169 270	8 5267
7111	9.0	20 6 19.95	+3.2177	−0.0062	−7 15 20.3	+10.502	+0.395	94.2	168 271	7 5202
7112	8.9	6 23.13	3.2010	0.0059	6 25 54.4	10.506	0.393	93.1	76 162	6 5399
7113	9.2	6 25.55	3.2288	0.0063	7 48 38.4	10.509	0.396	94.2	167 274	7 5203
7114	8.9	6 30.13	3.2286	0.0063	7 47 54.8	10.515	0.396	94.2	167 274	7 5204
7115	9.0	6 42.57	3.2175	0.0062	7 15 10.1	10.530	0.395	94.2	168 271	7 5205
7116	9.2	20 6 44.27	+3.2448	−0.0066	−8 36 1.5	+10.532	+0.398	93.1	69 169	8 5270
7117	*7.2	6 51.53	3.2404	0.0066	8 23 22.9	10.541	0.397	93.1	77 170*	8 5272
7118	9.4	6 54.02	3.2559	0.0068	9 8 59.1	10.544	0.399	94.1 98.1	157 264*a* 429*δ*	9 5389
7119	9.4	7 1.52	3.2493	0.0067	8 49 45.0	10.554	0.398	94.2	170 270	8 5273
7120	8.9	7 6.94	3.2732	0.0072	10 0 9.1	10.560	0.401	94.2	173 268	10 5308
7121	9.1	20 7 8.62	+3.1874	−0.0057	−5 45 45.3	+10.562	+0.390	94.1	153 277	5 5183
7122	8.8	7 12.92	3.2322	0.0064	7 59 19.1	10.568	0.396	94.2	169 276	8 5276
7123	7.1	7 18.30	3.2055	0.0060	6 39 53.4	10.574	0.392	94.2	172 273	6 5403
7124	8.2	7 19.50	3.2293	0.0064	7 50 58.8	10.576	0.396	94.1	165 267	7 5207
7125	8.8	7 20.04	3.2218	0.0062	7 28 26.4	10.576	0.394	95.2	277 334	7 5208
7126	7.9	20 7 32.04	+3.2274	−0.0063	−7 45 27.5	+10.591	+0.395	93.1	87 165	7 5211
7127	8.9	7 33.79	3.1947	0.0058	6 8 16.1	10.594	0.390	94.1	159 278	6 5407
7128	9.2	7 54.85	3.1933	0.0058	6 4 23.5	10.620	0.390	94.1	159 277	6 5408
7129	8.8	7 57.19[1]	3.2199	0.0062	7 23 53.3	10.623	0.393	93.3	89 166 167	7 5216
7130	9.1	7 59.75	3.2472	0.0067	8 45 6.3	10.626	0.397	93.9	69 163 332	8 5279
7131	9.0	20 8 15.19	+3.2616	−0.0070	−9 27 55.3	+10.645	+0.398	93.7	173 191	9 5395
7132	9.0	8 16.29	3.2163	0.0062	7 13 26.0	10.646	0.393	94.2	168 271	7 5218
7133	7.6	8 33.52	3.2707	0.0072	9 55 10.7	10.667	0.400	94.1	157 268	10 5322
7134	9.1	8 49.02	3.2373	0.0066	8 16 44.7	10.686	0.395	92.9	77 82 158	8 5282
7135	8.8	8 52.10	3.2179	0.0063	7 18 47.9	10.690	0.392	93.1	72 165	7 5221
7136	9.2	20 8 54.78	+3.1905	−0.0059	−5 56 51.8	+10.694	+0.389	94.0	153 172 273	6 5410
7137	9.2	8 56.40	3.2379	0.0066	8 18 44.6	10.696	0.395	93.1	77 158	8 5283
7138	7.7	9 4.52	3.1985	0.0060	6 21 0.2	10.706	0.390	93.1	76 162	6 5411
7139	9.0	9 5.65	3.1984	0.0060	6 20 45.2	10.707	0.390	93.1	76 162	6 5412
7140	9.3	9 7.46	3.2631	0.0071	9 33 38.4	10.709	0.398	94.1	173 264	9 5397
7141	8.4	20 9 9.63	+3.2110	−0.0062	−6 58 35.0	+10.712	+0.391	93.1	87 167	7 5224
7142	9.2	9 21.29	3.2649	0.0072	9 39 17.4	10.726	0.398	94.1	157 264	9 5400
7143	9.8	9 51.38	3.2003	0.0060	6 27 19.2	10.763	0.389	02.6	429 431	6 5419
7144	8.5	9 53.18	3.2260	0.0064	7 44 39.9	10.766	0.392	93.1	87 166	7 5228
7145	9.1	9 53.28	3.2560	0.0070	9 13 42.5	10.766	0.396	93.7	168 191	9 5403
7146	8.5	20 9 56.95	+3.2025	−0.0061	−6 33 55.8	+10.770	+0.389	94.0	159 172 271	6 5421
7147	9.2	9 58.79	3.2577	0.0070	9 18 57.8	10.772	0.396	93.7	168 191	9 5404
7148	7.2	10 4.72	3.1881	0.0058	5 50 28.7	10.780	0.388	94.1	163 273	5 5196
7149	6.7	10 5.88	3.2279	0.0065	7 50 11.3	10.781	0.393	93.1	72 165	7 5229
7150	8.6	10 10.53	3.2329	0.0065	8 5 22.0	10.787	0.393	93.1	69 169	8 5289

[1] $57^s.18$ $57^s.25$ (½) $57^s.18$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7151	8.2	20^h 10^m $43^s.80$	$+3^s.2689$	$-0^s.0073$	$-9°$ 53′ $32''.7$	$+10''.828$	$+0''.397$	94.1	157 264	10° 5333
7152	8.4	10 45.59	3.2316	0.0065	8 2 16.4	10.830	0.392	93.1	82 162	8 5295
7153	9.3	10 45.75	3.2379	0.0066	8 21 9.9	10.830	0.393	93.0	69 158	8 5294
7154	8.5	11 13.56	3.2256	0.0064	7 44 50.1	10.864	0.390	93.1	72 165	7 5235
7155	8.8	11 14.38	3.2290	0.0066	7 55 12.4	10.865	0.391	94.1	162 268	8 5300
7156	9.4	20 11 28.49	+3.2190	−0.0064	−7 25 25.7	+10.883	+0.389	94.0	89 166 335	7 5236
7157	8.5	11 32.08	3.2135	0.0063	7 8 43.4	10.887	0.388	93.1	87 167	7 5237
7158	9.2	11 35.22	3.1860	0.0058	5 45 39.0	10.891	0.385	93.1	76 159	5 5202
7159	8.9	11 35.88	3.2069	0.0062	6 49 13.4	10.892	0.388	94.1	153 271	6 5427
7160	8.5	11 37.88	3.2707	0.0074	10 0 21.2	10.894	0.396	93.7	157 191	10 5338
7161	8.6	20 11 45.77	+3.2132	−0.0063	−7 8 13.3	+10.904	+0.388	93.1	87 167	7 5239
7162	8.9	11 55.59	3.1879	0.0059	5 51 50.7	10.916	0.386	93.1	76 159	6 5431
7163	9.1	12 8.12	3.2157	0.0064	7 16 18.2	10.931	0.389	94.1	166 267	7 5240
7164	9.1	12 10.20	3.2400	0.0068	8 29 27.1	10.934	0.391	93.1	82 168	8 5302
7165	8.3	12 16.77	3.2046	0.0062	6 42 49.3	10.942	0.386	94.1	163 273	6 5433
7166	9.4	20 12 17.23	+3.2376	−0.0068	−8 22 24.1	+10.942	+0.391	93.0	69 158	8 5303
7167	8.7	12 17.37	3.2535	0.0071	9 10 14.3	10.942	0.393	94.0	157 173 268	9 5417
7168	9.0	12 25.57	3.2035	0.0062	6 39 44.1	10.952	0.386	94.0	163 172 273	6 5434
7169	7.3	12 33.26	3.2375	0.0068	8 22 31.1	10.962	0.391	93.0	69 158	8 5305
7170	*9.0	12 46.16	3.2348	0.0067	8 14 27.3	10.978	0.390	94.2	169* 270	8 5308
7171	8.6	20 12 48.24	+3.2084	−0.0063	−6 54 41.5	+10.980	+0.387	93.1	89 168	7 5242
7172	8.8	12 51.28	3.2424	0.0069	8 37 40.7	10.984	0.391	94.1	162 270	8 5309
7173	7.9	12 53.92	3.2025	0.0062	6 37 22.6	10.987	0.386	94.0	163 172 271	6 5440
7174	*8.3	13 14.91	3.2351	0.0067	8 15 57.2	11.013	0.390	93.1	82 169*	8 5312
7175	9.6	13 28.56	3.2312	0.0066	8 4 49.2	11.029	0.388	94.1	158 276	8 5313
7176	8.8	20 13 29.99	+3.2412	−0.0068	−8 34 53.9	+11.031	+0.390	94.2	170 270	8 5315
7177	9.0	13 30.27	3.2136	0.0064	7 11 31.7	11.031	0.386	94.1	165 267	7 5244
7178	7.6	13 36.04	3.2088	0.0063	6 56 54.5	11.038	0.386	93.1	87 168	7 5246
7179	9.0	13 42.39	3.2218	0.0065	7 36 42.0	11.046	0.387	94.0	166 167 274	7 5247
7180	8.9	13 42.48	3.2200	0.0065	7 31 17.9	11.046	0.387	94.2	167 274	7 5248
7181	8.9	20 13 51.24	+3.2151	−0.0065	−7 16 20.8	+11.057	+0.386	94.1	168 267	7 5250
7182	8.7	13 54.28	3.1930	0.0061	6 9 19.8	11.061	0.383	93.1	76 159	6 5448
7183	9.0	13 59.60	3.2236	0.0066	7 42 25.0	11.067	0.387	94.1	72 176 274 335	7 5251
7184	9.3	14 19.48	3.2207	0.0066	7 33 57.6	11.091	0.386	94.6	167 332	7 5255
7185	8.8	14 21.95	3.2443	0.0070	8 45 42.8	11.094	0.389	94.2	170 276	8 5318
7186	9.2	20 14 28.97	+3.2253	−0.0066	−7 48 13.8	+11.103	+0.387	94.2	165 277	7 5256
7187	9.6	14 36.44	3.2307	0.0067	8 4 44.1	11.112	0.387	94.1	158 276	8 5319
7188	9.3	14 44.08	3.1853	0.0059	5 46 45.8	11.121	0.381	94.1	163 273	5 5228
7189	9.1	14 45.07	3.2594	0.0073	9 31 35.3	11.122	0.391	94.0	157 191 264	9 5432
7190	9.0	14 53.23	3.2235	0.0066	7 43 29.4	11.132	0.386	93.1	72 168	7 5258
7191	8.8	20 14 59.98	+3.1893	−0.0060	−5 59 20.1	+11.140	+0.382	94.2	172 271	6 5450
7192	6.2	15 6.74	3.2027	0.0063	6 40 26.6	11.148	0.383	93.1	76 159	6 5451
7193	9.1	15 7.55	3.2545	0.0072	9 17 21.1	11.149	0.390	94.2	173 268	9 5433
7194	9.0	15 9.86	3.2588	0.0073	9 30 37.0	11.152	0.390	93.7	157 191	9 5434
7195	*8.9	15 14.29	3.2624	0.0074	9 41 29.9	11.158	0.390	94.2	173* 268	9 5437
7196	9.4	20 15 17.45	+3.2318	−0.0068	−8 9 7.9	+11.161	+0.386	93.1	77 169	8 5321
7197	8.4	15 23.44	3.1864	0.0060	5 50 55.9	11.169	0.382	94.1	163 271	5 5233
7198[1]	8.2	15 24.54	3.2299	0.0067	8 3 34.2	11.170	0.386	93.0	69 158	8 5323
7199	8.4	15 28.83	3.2684	0.0075	9 59 58.4	11.175	0.391	94.1	173 264	10 5356
7200	8.9	15 30.22	3.2131	0.0065	7 12 32.2	11.177	0.384	93.7	89 176 278	7 5260

[1] Dpl. maj., praec.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7201	9.0	20h 15m 33.s18	+3.s2184	−0.s0065	−7° 28′ 42.″4	+11.″181	+0.″384	93.1	87 168	7° 5263
7202	9.0	15 34.80	3.1857	0.0060	5 48 40.0	11.182	0.380	94.1	163 271	5 5234
7203	7.6	15 48.82	3.2024	0.0063	6 40 9.6	11.199	0.382	93.1	76 159	6 5455
7204	9.2	15 56.30	3.2467	0.0071	8 55 20.5	11.208	0.388	94.1	157 268	9 5440
7205	9.1	16 7.01	3.2066	0.0064	6 53 13.0	11.221	0.383	94.1	165 267	7 5267
7206	9.5	20 16 9.23	+3.1871	−0.0061	−5 53 46.1	+11.224	+0.381	94.2	172 273	6 5457
7207	9.4	16 14.15	3.2322	0.0069	8 11 29.7	11.230	0.386	94.2	169 274	8 5329
7208	8.5	16 18.91	3.2297	0.0068	8 4 22.2	11.236	0.385	93.1	77 162	8 5330
7209[1]	8.7	16 26.02	3.2172	0.0066	7 26 15.2	11.244	0.383	93.1	89 168	7 5268
7210	8.3	16 33.90	3.2063	0.0065	6 53 2.9	11.254	0.382	93.1	87 165	7 5269
7211	8.8	20 16 39.49	+3.1889	−0.0061	−6 0 3.3	+11.261	+0.380	94.2	172 273	6 5458
7212	9.4	16 51.55	3.2215	0.0067	7 40 8.9	11.275	0.383	93.6	72 166 278	7 5271
7213	9.2	17 1.17	3.2314	0.0069	8 10 13.0	11.287	0.385	93.1	69 170	8 5333
7214	9.0	17 4.04	3.2321	0.0069	8 12 32.4	11.290	0.385	93.3	82 170 176	8 5334
7215	8.3	17 10.13	3.2542	0.0073	9 20 1.0	11.298	0.387	94.4	173 191 268 335	9 5444
7216	7.8	20 17 10.17	+3.2505	−0.0073	−9 8 40.0	+11.298	+0.386	94.1	157 264	9 5445
7217	9.2	17 29.42	3.2280	0.0068	8 0 42.2	11.321	0.383	94.1	158 270	8 5336
7218	7.0	17 34.34	3.2668	0.0076	9 58 27.9	11.327	0.388	93.7	168 191	10 5369
7219	9.3	17 35.32	3.1845	0.0060	5 47 9.1	11.328	0.378	94.1	159 277	5 5247
7220	9.2	17 38.58	3.2303	0.0069	8 7 50.6	11.332	0.383	93.1	69 169	8 5337
7221	8.2	20 17 40.88	+3.1885	−0.0061	−5 59 45.2	+11.335	+0.379	94.0	163 172 273	6 5462
7222	9.4	17 41.64	3.2305	0.0069	8 8 24.4	11.336	0.383	94.1	169 267	8 5338
7223	9.3	17 51.99	3.1936	0.0062	6 15 32.6	11.348	0.380	94.2	171 277	6 5463
7224	8.5	18 12.82	3.2297	0.0068	8 6 44.1	11.373	0.382	93.3	77 162 176	8 5340
7225	9.0	18 22.52	3.2489	0.0072	9 5 43.9	11.385	0.385	94.1	157 264	9 5452
7226	8.9	20 18 31.53	+3.2509	−0.0073	−9 11 59.1	+11.395	+0.385	94.1	173 264	9 5453
7227	8.1	18 32.01	3.2257	0.0068	7 55 6.2	11.396	0.382	93.1	82 158	8 5343
7228	9.2	18 36.67	3.1967	0.0063	6 26 1.4	11.402	0.379	93.1	76 159	6 5465
7229	9.0	18 43.33	3.2418	0.0071	8 44 57.8	11.410	0.384	94.6	163 271 332	8 5345
7230	9.2	18 59.54	3.2443	0.0073	8 52 40.2	11.429	0.384	94.0	168 191 276	9 5455
7231	9.1	20 19 0.71	+3.2094	−0.0066	−7 5 29.7	+11.430	+0.379	94.1	72 165 278 335	7 5281
7232	7.1	19 20.02	3.2483	0.0073	9 5 34.5	11.454	0.384	94.1 96.9	157 264 431δ	9 5457
7233	*8.7	19 22.39	3.2095	0.0066	7 6 22.5	11.456	0.379	93.0	87 89* 165	7 5282
7234	8.2	19 22.87	3.2256	0.0069	7 55 50.5	11.457	0.381	93.1	82 158	8 5348
7235	*8.4	19 24.54	3.2366	0.0071	8 29 47.6[2]	11.459	0.382	94.0	163 170* 267	8 5349
7236	9.0	20 19 26.33	+3.2349	−0.0071	−8 24 32.5	+11.461	+0.382	94.1	162 271	8 5350
7237	*8.9	19 34.52	3.2096	0.0066	7 6 51.1	11.471	0.379	93.6 93.9	72 89*a 165 335	7 5283
7238	9.7	19 46.05	3.2553	0.0075	9 27 34.3	11.485	0.384	94.1	168 268	9 5461
7239	9.1	19 48.46	3.2034	0.0065	6 48 0.6	11.488	0.378	94.2	171 273	6 5471
7240	9.2	19 55.44	3.2266	0.0069	7 59 56.7	11.496	0.380	94.4	169 176 274 332	8 5354
7241	9.7	20 20 12.49	+3.2526	−0.0074	−9 20 3.2	+11.516	+0.384	94.1	173 264	9 5462
7242	9.2	20 19.02	3.1957	0.0064	6 24 48.8	11.524	0.377	93.1	76 159	6 5475
7243[3]	...	20 26.26	3.2386	0.0072	8 37 35.8	11.533	0.381	94.1	163 267	8 5357
7244	8.8	20 27.02	3.2447	0.0073	8 56 26.5	11.534	0.382	93.7	157 191	9 5463
7245	*9.1	20 29.96	3.2122	0.0067	7 16 10.1	11.537	0.378	93.7	89* 166 278	7 5286
7246	*9.5	20 20 32.63	+3.2117	−0.0067	−7 14 40.0	+11.540	+0.377	94.1 94.4	5 Beob.[4]	7 5288
7247	8.6	20 38.48	3.2275	0.0069	8 3 37.5	11.547	0.379	92.9	69 77 169	8 5359
7248	8.8	20 52.46	3.1914	0.0063	6 12 20.5	11.564	0.375	94.2	171 273	6 5478
7249	9.1	20 52.69	3.2402	0.0072	8 43 1.6	11.564	0.381	94.3	170 268 276	8 5360
7250	8.1	21 3.45	3.1968	0.0064	6 29 3.8	11.577	0.376	93.1	76 159	6 5479

[1] Z. 168: 10m nahe [2] 48.″1 48.″6 46.″0 [3] Dpl. med., Z. 163: 8m9 8m9 [4] ZZ. 89*a 166 172 277 335

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7251	9.2	20h 21m 8s.51	+3s.2422	−0s.0072	−8° 49′ 35″.9	+11″.583	+0″.381	93.0	69 158	8° 5361
7252	9.0	21 16.52	3.2132	0.0067	7 20 17.8	11.593	0.377	93.1	87 165	7 5290
7253	8.5	21 23.23	3.2303	0.0070	8 13 27.7	11.601	0.379	93.1	77 163	8 5362
7254	8.9	21 25.64	3.2340	0.0071	8 24 59.6	11.603	0.379	94.0	82 169 332	8 5363
7255	8.8	21 40.93	3.2364	0.0072	8 32 35.7	11.622	0.380	94.1	170 268	8 5365
7256	8.9	20 21 43.16	+3.2543	−0.0076	−9 28 5.4	+11.624	+0.382	94.0	168 175 264	9 5468
7257	9.4	21 56.02	3.2116	0.0068	7 16 22.2	11.639	0.376	93.3	72 166 176	7 5295
7258	9.1	21 57.36	3.2250	0.0070	7 57 57.8	11.641	0.377	94.1	162 271	8 5366
7259	9.2	22 9.45	3.1872	0.0063	6 0 40.8	11.655	0.373	94.2	171 273	6 5485
7260	7.1	22 27.73	3.1866	0.0063	5 59 1.1	11.677	0.373	93.1	74 172	6 5487
7261	7.9	20 22 30.29	+3.2062	−0.0067	−7 0 11.0	+11.680	+0.375	93.7	87 176 278	7 5301
7262	8.9	22 35.58	3.1841	0.0062	5 51 20.2	11.687	0.373	93.1	76 172	6 5488
7263	8.6	22 48.20	3.2216	0.0069	7 48 25.3	11.701	0.376	94.1	165 267	7 5303
7264	9.0	22 55.40	3.1832	0.0062	5 49 8.4	11.710	0.371	93.1	76 159	5 5277
7265	7.2	23 0.96	3.2582	0.0077	9 42 5.2	11.717	0.380	93.7	157 191	9 5473
7266	9.1	20 23 2.43	+3.2452	−0.0074	−9 2 3.8	+11.718	+0.379	94.0	157 191 276	9 5474
7267	8.7	23 14.29	3.1843	0.0063	5 52 44.7	11.732	0.372	93.1	76 159	6 5492
7268	8.5	23 16.55	3.1860	0.0063	5 57 58.7	11.735	0.372	93.1	74 163	6 5493
7269	9.1	23 26.29	3.2033	0.0067	6 52 32.9	11.747	0.374	94.1	166 267	7 5304
7270	8.9	23 27.04	3.2432	0.0074	8 56 29.2	11.747	0.379	94.1	173 264	9 5477
7271	9.1	20 23 31.41	+3.2236	−0.0070	−7 55 58.3	+11.753	+0.375	93.1	69 169	8 5370
7272	8.7	23 41.48	3.2218	0.0070	7 50 32.2	11.764	0.375	93.7	89 165 278	7 5306
7273	9.3	23 42.18	3.2610	0.0077	9 51 58.3	11.765	0.380	94.2	175 268	10 5401
7274	8.4	23 44.28	3.2123	0.0068	7 20 57.5	11.768	0.374	93.9	72 168 335	7 5307
7275	8.8	23 53.05	3.2317	0.0071	8 21 30.7	11.778	0.376	93.1	82 158	8 5371
7276	8.6	20 23 53.83	+3.2367	−0.0072	−8 37 2.0	+11.779	+0.377	93.1	77 170	8 5372
7277	9.5	23 55.74	3.1988	0.0066	6 38 58.3	11.781	0.372	94.1	163 273	6 5496
7278	9.1	24 0.83	3.2521	0.0076	9 25 7.7	11.787	0.379	94.3	173 264 276	9 5479
7279	9.3	24 10.63	3.2312	0.0071	8 20 43.4	11.799	0.376	93.9	82 158 176 332	8 5374
7280	9.2	24 29.17	3.2103	0.0068	7 15 31.3	11.821	0.373	93.1	87 165	7 5310
7281	9.2	20 24 47.07	+3.1834	−0.0062	−5 51 35.2	+11.842	+0.370	93.1	76 159	6 5498
7282	*9.6	24 54.87	3.2338	0.0072	8 29 52.2	11.851	0.375	93.6 94.1	69a 170* 268	8 5376
7283	9.6	25 9.48	3.2019	0.0067	6 50 19.2	11.868	0.371	94.2	171 277	6 5501
7284	8.8	25 11.18	3.2522	0.0077	9 27 23.6	11.870	0.378	93.7	157 175 191	9 5482
7285	9.2	25 13.24	3.2365	0.0074	8 38 38.2	11.873	0.375	94.1	163 271	8 5378
7286	8.1	20 25 16.47	+3.1807	−0.0063	−5 43 27.7	+11.876	+0.368	94.2	172 273	5 5291
7287	8.9	25 20.07	3.1872	0.0064	6 3 58.6	11.881	0.369	95.1	274 335	6 5503
7288	8.3	25 20.67	3.1890	0.0065	6 9 39.1	11.881	0.369	94.1	162 274	6 5504
7289	*8.9	25 22.71	3.1900	0.0065	6 12 57.7	11.884	0.369	94.0	162* 172 277	6 5505
7290	8.1	25 26.38	3.2314	0.0073	8 23 10.9	11.888	0.374	93.1	82 170	8 5380
7291	8.9	20 25 33.16	+3.2135	−0.0069	−7 27 13.9	+11.896	+0.372	93.7	89 166 278	7 5316
7292	8.8	25 36.28	3.2623	0.0079	9 59 28.4	11.900	0.378	93.7	173 191	10 5415
7293	9.1	25 47.27	3.2357	0.0073	8 37 14.7	11.913	0.374	94.1	163 271	8 5381
7294	9.3	25 57.98	3.2389	0.0074	8 47 21.4	11.925	0.374	93.0	69 158	8 5383
7295	7.8	26 38.59	3.1843	0.0064	5 56 27.4	11.973	0.367	93.1	74 171	6 5511
7296	7.9	20 26 41.49	+3.2383	−0.0074	−8 46 34.4	+11.976	+0.373	94.2	176 276	8 5384
7297	9.3	26 57.69	3.1975	0.0067	6 38 43.1	11.995	0.368	93.1	76 159	6 5512
7298	9.0	27 0.92	3.2193	0.0070	7 47 29.8	11.999	0.371	93.6	72 166 278	7 5321
7299	8.3	27 3.05	3.2335	0.0073	8 32 4.6	12.001	0.373	93.1	69 170	8 5387
7300	9.1	27 22.11	3.2467	0.0076	9 14 3.7	12.023	0.373	94.2	173 268	9 5490

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
7301	9.1	$20^h\ 27^m\ 24^s.22$	$+3^s.2557$	$-0^s.0079$	$-9°\ 42'\ 3''.0$	$+12''.026$	$+0''.374$	94.2	173 268	9° 5491
7302	8.0	27 29.74	3.2282	0.0072	8 16 6.6	12.032	0.371	93.6	82 158 276	8 5391
7303	9.2	27 35.55	3.1903	0.0065	6 16 28.4	12.039	0.367	93.1	76 172	6 5516
7304	8.4	27 35.88	3.2488	0.0077	9 21 18.4	12.040	0.374	93.7	175 191	9 5492
7305	9.3	27 38.48	3.2031	0.0068	6 57 35.3	12.043	0.368	93.1	72 166	7 5323
7306	9.0	20 27 58.86	+3.1909	−0.0065	−6 18 56.9	+12.066	+0.367	94.2	171 273	6 5517
7307	9.2	28 1.49	3.2067	0.0068	7 8 58.9	12.069	0.368	94.2	176 277	7 5324
7308	7.1	28 6.24	3.1955	0.0066	6 33 36.4	12.075	0.366	94.2	172 273	6 5521
7309	9.0	28 6.92	3.2267	0.0072	8 12 47.3	12.076	0.370	94.1	158 276	8 5396
7310	8.7	28 18.97	3.1790	0.0063	5 41 40.1	12.090	0.364	94.2	163 277	5 5305
7311	8.9	20 28 19.99	+3.2230	−0.0072	−8 1 17.6	+12.091	+0.369	93.1	69 170	8 5398
7312	9.0	28 31.74	3.2436	0.0076	9 6 31.9	12.105	0.372	94.1	157 268	9 5497
7313	9.1	28 41.07	3.2194	0.0072	7 50 20.3	12.115	0.369	93.1	87 165	7 5328
7314	9.1	28 48.72	3.2166	0.0071	7 41 28.7	12.124	0.368	93.1	89 168	7 5330
7315	8.9	29 6.08	3.2468	0.0077	9 17 50.0	12.145	0.372	93.7	173 191	9 5500
7316	8.5	20 29 14.59	+3.1880	−0.0066	−6 11 9.4	+12.154	+0.364	93.1	74 159	6 5523
7317	8.2	29 19.76	3.2227	0.0072	8 1 50.1	12.160	0.368	93.1	69 170	8 5402
7318	8.7	29 22.43	3.1959	0.0067	6 36 36.7	12.163	0.365	93.3	76 163 172	6 5525
7319	*8.7	29 22.81	3.2490	0.0078	9 25 9.4	12.164	0.372	93.7	175* 191	9 5501
7320	9.1	29 26.34	3.2141	0.0071	7 34 32.5	12.168	0.367	93.1	72 166	7 5331
7321	9.1	20 29 32.00	+3.2495	−0.0078	−9 26 51.1	+12.174	+0.372	94.2	173 268	9 5502
7322	7.9	29 37.95	3.2585	0.0081	9 55 25.1	12.181	0.372	94.1	157 271	10 5438
7323	9.0	29 45.53	3.2407	0.0076	8 59 39.5	12.190	0.370	94.2	184 276	9 5505
7324	*8.2	29 49.28	3.2474	0.0078	9 20 51.0	12.195	0.371	93.7	175* 191	9 5507
7325	9.0	29 56.01	3.2544	0.0080	9 43 4.4	12.202	0.371	94.2	184 271	9 5509
7326	8.9	20 29 58.09	+3.2333	−0.0074	−8 36 28.6	+12.205	+0.369	93.2	82 176	8 5404
7327	9.3	30 0.07	3.2132	0.0071	7 32 43.9	12.207	0.366	94.1	165 274	7 5335
7328	9.3	30 0.71	3.2199	0.0072	7 54 10.8	12.208	0.367	94.7	170 276 335	8 5405
7329	8.2	30 4.57	3.1818	0.0064	5 52 10.4	12.212	0.363	94.1	159 273	6 5528
7330	*8.7	30 5.02	3.1961	0.0068	6 38 1.6	12.213	0.365	93.6	76 163* 273	6 5527
7331	9.4	20 30 36.56	+3.2223	−0.0072	−8 2 43.3	+12.249	+0.366	93.2	82 176	8 5406
7332	9.1	30 46.30	3.2031	0.0069	7 1 28.2	12.260	0.364	94.2	166 274	7 5342
7333	8.9	30 49.24	3.2223	0.0072	8 2 58.4	12.264	0.366	92.9	69 82 176	8 5408
7334	*8.0	31 1.87	3.2530	0.0079	9 40 42.8	12.278	0.370	94.1	157* 268	9 5512
7335	8.6	31 6.19	3.1786	0.0064	5 43 18.6	12.283	0.361	94.2	184 277	5 5321
7336	8.9	20 31 7.33	+3.2508	−0.0079	−9 34 8.8	+12.285	+0.369	93.7	157 191	9 5513
7337	9.6	31 19.54	3.2304	0.0074	8 29 45.4	12.299	0.366	94.2	170 278	8 5409
7338	8.3	31 23.49	3.2500	0.0079	9 32 1.9	12.303	0.369	93.7	173 191	9 5516
7339	8.8	31 38.77	3.2419	0.0077	9 6 38.5	12.321	0.368	94.2	173 268	9 5518
7340	9.4	31 50.50	3.2354	0.0076	8 46 18.3	12.334	0.367	94.2	170 278	8 5411
7341	9.1	20 31 51.61	+3.2255	−0.0074	−8 14 40.8	+12.336	+0.365	94.2	176 276	8 5412
7342	8.7	32 15.39	3.2042	0.0069	7 7 5.6	12.363	0.362	93.2	72 184	7 5349
7343	9.5	32 15.79	3.1976	0.0068	6 46 4.0	12.363	0.362	94.1	159 273	6 5533
7344	9.2	32 28.00	3.2370	0.0077	8 52 31.6	12.377	0.367	94.2	173 268	9 5524
7345	*8.6	32 33.72	3.2370	0.0077	8 52 55.0	12.384	0.366	94.2	175 268*	9 5525
7346	9.0	20 32 35.10	+3.2400	−0.0077	−9 2 26.1	+12.386	+0.366	94.1	157 276	9 5526
7347	9.3	32 38.53	3.2054	0.0071	7 11 35.1	12.389	0.362	93.1	89 166	7 5352
7348	9.1	32 39.34	3.1776	0.0065	5 42 2.6	12.390	0.359	94.2	172 277	5 5328
7349	9.2	32 48.81	3.2493	0.0080	9 32 38.6	12.401	0.367	93.7	175 191	9 5528
7350	9.3	32 57.32	3.1880	0.0067	6 16 6.6	12.411	0.360	94.2	171 273	6 5538

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7351	8.6	20h 33m 0s.83	+3s.2211	−0s.0073	−8° 2' 34".2	+12".415	+0".363	93.1	69 176	8° 5417
7352	9.1	33 10.24	3.2367	0.0077	8 52 55.0	12.426	0.366	94.2	175 268	9 5529
7353	*8.8	33 10.40	3.2021	0.0070	7 1 58.0	12.426	0.361	93.1	72 165*	7 5354
7354	8.8	33 26.82	3.2565	0.0082	9 56 38.4	12.445	0.367	93.8	184 188	10 5460
7355	9.5	33 27.25	3.2379	0.0077	8 57 28.0	12.445	0.365	94.1	157 278	9 5531
7356	8.0	20 33 33.91	+3.2340	−0.0076	−8 45 1.4	+12.453	+0.364	93.1	82 158	8 5421
7357	8.9	33 39.69	3.2402	0.0077	9 5 4.2	12.460	0.365	94.2	184 276	9 5532
7358	9.0	33 40.20	3.2023	0.0070	7 3 10.3	12.460	0.360	93.1	72 165	7 5357
7359	9.1	33 44.77	3.2062	0.0071	7 15 56.3	12.465	0.361	94.2	166 274	7 5360
7360	8.6	33 51.60	3.1922	0.0068	6 30 33.2	12.473	0.359	93.1	74 159	6 5545
7361	8.8	20 33 57.92	+3.2150	−0.0072	−7 44 29.2	+12.480	+0.361	94.2	176 274	7 5362
7362	7.4	33 58.91	3.1927	0.0068	6 32 36.5	12.481	0.359	93.1	74 159	6 5546
7363	8.4	34 0.57	3.2327	0.0076	8 41 30.6	12.483	0.363	93.1	82 158	8 5423
7364	8.1	34 5.38	3.2213	0.0073	8 5 2.6[1]	12.489	0.362	93.1 96.2	69 169 429δ	8 5424
7365	9.3	34 10.40	3.2460	0.0079	9 24 30.2	12.495	0.365	93.7	173 188	9 5534
7366	9.4	20 34 18.23	+3.2542	−0.0081	−9 51 3.0	+12.503	+0.366	94.6	173 268 335	10 5465
7367	8.0	34 32.27	3.2181	0.0073	7 55 32.5	12.520	0.361	94.2	170 277	8 5426
7368	9.0	34 40.80	3.2214	0.0073	8 6 23.9	12.529	0.361	93.1	69 170	8 5427
7369	*8.8	34 52.38	3.2027	0.0070	7 6 3.2	12.542	0.359	93.1	72 165*	7 5364
7370	8.9	34 52.50	3.1860	0.0067	6 11 57.9	12.543	0.357	93.1	76 171	6 5550
7371	9.0	20 34 55.12	+3.1851	−0.0067	−6 9 3.5	+12.546	+0.357	93.1	76 171	6 5552
7372	9.6	34 55.24	3.1944	0.0069	6 39 24.2	12.546	0.358	94.2	172 273	6 5551
7373	9.2	34 59.15	3.2133	0.0072	7 40 28.7	12.550	0.360	94.2	176 274	7 5365
7374	9.2	35 7.38	3.2043	0.0071	7 11 48.1	12.559	0.358	93.1	89 166	7 5367
7375	8.6	35 7.72	3.2520	0.0082	9 45 39.9	12.560	0.365	94.2	175 276	9 5537
7376	8.2	20 35 25.82	+3.2033	−0.0071	−7 9 4.1	+12.580	+0.358	93.1	89 165	7 5369
7377	8.5	35 31.35	3.2374	0.0078	8 59 33.7	12.587	0.362	93.7	175 188	9 5540
7378	8.6	35 34.97	3.2030	0.0071	7 8 12.6	12.591	0.358	94.2	184 277	7 5372
7379	7.8	35 35.86	3.2263	0.0076	8 23 51.9	12.592	0.361	93.1	82 170	8 5431
7380	8.6	35 38.23	3.2538	0.0082	9 52 38.2	12.594	0.364	93.7	157 191	10 5472
7381	8.0	20 35 41.56	+3.2561	−0.0083	−9 59 55.1	+12.598	+0.364	94.1	157 268	10 5473
7382	8.7	35 42.01	3.2239	0.0075	8 16 15.4	12.599	0.361	93.0	69 158	8 5432
7383	*8.8	35 43.34	3.2043	0.0071	7 12 48.2	12.600	0.358	94.2	184 277*	7 5373
7384	7.7	36 5.98	3.1884	0.0067	6 21 12.7	12.626	0.356	93.1	74 159	6 5558
7385	8.5	36 6.25	3.2104	0.0072	7 33 4.2	12.626	0.358	94.2	176 274	7 5376
7386	9.3	20 36 8.11	+3.2015	−0.0070	−7 4 20.2	+12.628	+0.357	93.1	72 172	7 5377
7387	8.9	36 10.27	3.2401	0.0079	9 9 25.2	12.631	0.361	93.7	175 191	9 5546
7388	8.4	36 25.76	3.1975	0.0069	6 51 31.7	12.648	0.357	94.7	176 277 335	7 5378
7389	9.0	36 28.40	3.2342	0.0077	8 50 59.7	12.651	0.361	93.7	173 188	9 5547
7390	9.5	36 30.47	3.2352	0.0078	8 54 8.4	12.654	0.361	94.2	173 276	9 5549
7391	*8.2	20 36 31.04	+3.2394	−0.0079	−9 7 48.3	+12.654	+0.361	93.7	175* 191	9 5550
7392	8.2	36 32.09	3.2180	0.0074	7 58 36.4	12.656	0.359	93.1	82 158	8 5439
7393	9.4	36 39.91	3.1858	0.0067	6 13 49.5	12.664	0.354	94.6	159 273 335	6 5560
7394	9.0	37 2.56	3.2366	0.0078	8 59 48.5	12.690	0.360	93.7	157 191	9 5552
7395	9.4	37 22.44	3.2395	0.0079	9 9 34.2	12.712	0.360	93.7	175 188	9 5554
7396	8.9	20 37 35.57	+3.2263	−0.0076	−8 27 31.4	+12.727	+0.358	93.1	69 169	8 5443
7397	9.0	37 39.71	3.1945	0.0070	6 43 30.4	12.732	0.354	93.1	74 171	6 5564
7398	8.7	38 5.72	3.1918	0.0069	6 35 1.0	12.761	0.353	93.1	76 171	6 5566
7399	8.8	38 26.54	3.2312	0.0078	8 45 9.3	12.784	0.358	93.1	82 158	8 5450
7400	8.1	38 35.43	3.1867	0.0068	6 18 50.5	12.794	0.353	93.1	74 172	6 5567

[1] 3".2 0".6 4".0

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7401	7.3	20h 38m 39s.21	+3s.1799	—0s.0067	—5° 57′ 1″.4	+12″.799	+0″.352	94.2	172 273	6° 5568
7402	8.9	38 47.56	3.2163	0.0075	7 56 43.2[1]	12.808	0.356	93.7 98.2	169 199 429δ 431δ	8 5452
7403	8.9	38 50.79	3.2242	0.0077	8 22 50.3	12.812	0.357	93.1	69 169	8 5453
7404	7.8	38 52.22	3.2431	0.0081	9 24 37.5	12.813	0.359	93.7	157 191	9 5560
7405	9.2	38 56.51	3.2534	0.0084	9 58 15.7	12.818	0.359	94.2	175 268	10 5487
7406	9.1	20 39 0.07	+3.2121	—0.0073	—7 43 21.2	+12.822	+0.354	93.1	89 165	7 5386
7407	9.1	39 0.66	3.2211	0.0076	8 12 47.7	12.823	0.355	94.2	170 274	8 5454
7408	8.1	39 2.68	3.2316	0.0078	8 47 20.4	12.825	0.357	93.1	82 158	8 5455
7409	9.1	39 4.20	3.1838	0.0068	6 10 2.6	12.827	0.351	93.1	76 159	6 5570
7410	8.4	39 6.89	3.2416	0.0081	9 20 11.8	12.830	0.358	94.1	157 268	9 5561
7411	9.1	20 39 10.71	+3.2432	—0.0081	—9 25 31.6	+12.834	+0.358	93.7	157 191	9 5562
7412	9.2	39 19.00	3.2116	0.0074	7 42 28.2	12.843	0.354	93.1	89 165	7 5387
7413	9.0	39 22.24	3.2471	0.0082	9 38 31.6	12.847	0.358	94.2	184 276	9 5563
7414	9.3	39 28.36	3.2149	0.0075	7 53 14.6	12.854	0.355	94.2	170 277	8 5459
7415	7.9	39 31.89	3.2236	0.0076	8 22 6.5	12.858	0.356	93.1	69 169	8 5460
7416	8.1	20 39 55.19	+3.2008	—0.0072	—7 7 32.8	+12.884	+0.352	93.1	72 166	7 5389
7417	8.4	39 57.36	3.1898	0.0069	6 31 11.7	12.886	0.351	93.1	74 171	6 5573
7418	8.3	40 1.14	3.2441	0.0082	9 30 0.5	12.890	0.357	93.8	184 191	9 5567
7419	*8.7	40 2.58	3.2184	0.0075	8 5 51.6	12.892	0.354	94.1	158* 276	8 5464
7420	8.8	40 5.66	3.2157	0.0075	7 56 57.2	12.896	0.354	93.7	170 199	8 5465
7421	9.1	20 40 9.93	+3.2259	—0.0077	—8 30 41.5	+12.900	+0.355	94.2	176 277	8 5466
7422	9.2	40 11.28	3.2097	0.0073	7 37 28.5	12.902	0.353	94.2	166 274	7 5391
7423[2]	9.5	40 11.80	3.2392	0.0080	9 14 21.0	12.902	0.356	93.7	173 188	9 5570
7424	*8.7	40 14.73	3.2187	0.0075	8 7 14.4	12.906	0.354	94.1	158* 276	8 5467
7425	8.6	40 27.01	3.2169	0.0075	8 1 39.0	12.919	0.353	94.7	199 335	8 5468
7426	8.2	20 40 34.66	+3.2313	—0.0078	—8 49 11.7	+12.928	+0.355	93.2	82 176	8 5469
7427	9.3	40 36.81	3.2410	0.0081	9 21 24.4	12.930	0.356	94.2	173 268	9 5572
7428	8.6	40 41.58	3.1919	0.0070	6 39 25.2	12.936	0.350	93.1	76 171	6 5578
7429	9.0	40 49.26	3.2424	0.0081	9 26 11.2	12.944	0.356	93.7	175 191	9 5573
7430	8.5	41 14.79	3.2508	0.0083	9 54 32.9	12.973	0.356	93.8	184 188	10 5501
7431	8.9	20 41 15.53	+3.2455	—0.0082	—9 37 28.1	+12.973	+0.355	94.2	184 268	9 5575
7432	9.5	41 18.91	3.2193	*0.0076	8 10 55.6	12.977	0.352	94.2	176 277	8 5472
7433	9.6	41 19.39	3.1741	0.0066	5 40 40.5	12.978	0.347	95.2	278 335	5 5370
7434	8.4	41 21.95	3.1860	0.0068	6 20 44.3	12.980	0.349	93.1	74 159	6 5579
7435	8.8	41 24.55	3.1949	0.0070	6 50 19.5	12.983	0.350	93.1	72 165	7 5398
7436	9.2	20 41 26.35	+3.2131	—0.0074	—7 50 31.5	+12.985	+0.352	94.2	169 276	8 5473
7437	8.8	42 0.49	3.2304	0.0079	8 48 57.4	13.023	0.353	93.7	170 199	8 5476
7438	9.3	42 6.19	3.2409	0.0082	9 23 53.0	13.030	0.354	93.7	176 191	9 5579
7439	9.4	42 6.74	3.2235	0.0077	8 26 37.0	13.030	0.352	94.2	170 278	8 5477
7440	**3.6**	**42 15.76**	**3.2493**	**0.0084**	**9 51 43.0**	**13.040**	**0.356**		**Fund. Cat.**	**10 5506**
7441	8.6	20 42 19.36	+3.2059	—0.0073	—7 28 41.7	+13.044	+0.350	94.2	166 274	7 5402
7442	*9.1	42 26.18	3.1866	0.0069	6 24 22.5	13.052	0.348	93.1	76 159*	6 5586
7443	8.9	42 39.76	3.2454	0.0083	9 39 51.2	13.067	0.353	93.7	175 188	9 5581
7444	9.0	42 47.11	3.2082	0.0074	7 37 3.7	13.075	0.349	93.1	72 166	7 5407
7445	8.8	42 49.86	3.2002	0.0073	7 10 9.5	13.078	0.348	93.7	165 199	7 5408
7446	8.8	20 42 50.50	+3.1895	—0.0070	—6 34 25.4	+13.079	+0.347	94.2	171 273	6 5587
7447	*8.2	42 52.14	3.1862	0.0070	6 23 26.6	13.080	0.347	93.1	74 159*	6 5588
7448	8.7	43 7.26	3.2000	0.0073	7 10 4.6	13.097	0.348	93.7	165 199	7 5410
7449	9.1	43 12.53	3.2365	0.0081	9 11 38.2	13.103	0.351	94.1	157 268	9 5583
7450	9.2	43 24.96	3.1844	0.0069	6 18 19.8	13.117	0.346	93.1	76 171	6 5589

[1] 41″.9 44″.4 43″.5 43″.1 [2] Dpl. maj., com. 9m.8

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
7451	9.2	20h 43m 39s.95	+3s.1988	−0s.0072	−7° 6′ 49″.8	+13″.133	+0″.348	94.2	166 274	7° 5411
7452	9.0	43 45.92	3.2350	0.0081	9 8 8.7	13.140	0.350	93.7	157 191	9 5586
7453	9.2	43 46.20	3.2047	0.0074	7 26 45.1	13.140	0.347	94.1	165 274	7 5412
7454	8.0	43 56.16	3.2355	0.0081	9 9 49.9	13.151	0.350	93.7	176 191	9 5587
7455	9.0	44 8.03	3.2473	0.0084	9 49 25.8	13.164	0.352	93.8	184 188	9 5589
7456	8.4	20 44 9.00	+3.2327	−0.0080	−9 1 7.2	+13.165	+0.350	94.7	175 268 335	9 5590
7457	7.8	44 29.16	3.1976	0.0072	7 4 7.2	13.187	0.346	93.1	72 172	7 5413
7458	9.2	44 31.33	3.2360	0.0081	9 12 45.0	13.190	0.349	93.7	173 188	9 5591
7459	8.8	44 43.32	3.2116	0.0075	7 51 31.8	13.203	0.347	93.1	69 82 169 170	8 5487
7460[1]	8.8	45 17.22	3.2470	0.0084	9 51 9.6	13.240	0.350	93.7	175 191	10 5521
7461	8.7	20 45 18.74	+3.1827	−0.0069	−6 15 4.6	+13.242	+0.344	93.1	74 159	6 5600
7462	9.4	45 23.59	3.1995	0.0073	7 11 51.1	13.247	0.344	94.1 93.6	89δ 165 274	7 5416
7463	9.4	45 43.81	3.1961	0.0072	7 1 28.0	13.269	0.344	94.0	72 172 335	7 5417
7464	8.7	45 59.68	3.2191	0.0078	8 19 8.4	13.287	0.346	93.3	69 169 184	8 5495
7465	9.1	46 3.10	3.1774	0.0068	5 58 9.5	13.290	0.342	93.1	74 159	6 5603
7466	5.8	20 46 7.59	+3.1779	−0.0068	−6 0 2.1	+13.295	+0.341	93.1	74 159	6 5604
7467	8.8	46 33.08	3.2384	0.0083	9 25 7.4	13.323	0.347	93.7	157 188	9 5595
7468	8.7	46 35.72	3.2448	0.0084	9 46 29.5	13.326	0.348	94.1	157 268	9 5596
7469	8.6	46 36.51	3.2108	0.0075	7 52 15.6	13.327	0.344	93.1	69 169	8 5500
7470	8.4	46 43.47	3.1831	0.0069	6 18 28.9	13.334	0.342	93.1	76 171	6 5605
7471	9.2	20 46 48.87	+3.2085	−0.0075	−7 44 52.9	+13.340	+0.343	94.2	166 274	7 5423
7472	6.3	46 51.43	3.1755	0.0068	5 52 55.8	13.343	0.340	94.2	172 273	6 5606
7473	9.2	47 5.84	3.2349	0.0082	9 14 36.8	13.359	0.345	93.7	173 191	9 5597
7474	8.6	47 7.46	3.2206	0.0078	8 26 20.1	13.360	0.344	93.3	82 169 184	8 5502
7475	[5.1]	47 15.60	3.2369	0.0082	9 21 31.4	13.369	0.346	93.7	173 188	9 5598
7476	8.5	20 47 18.36	+3.1826	−0.0069	−6 17 39.1	+13.372	+0.341	93.1	76 171	6 5608
7477	8.8	47 21.80	3.1982	0.0073	7 10 50.7	13.376	0.342	94.2	165 277	7 5426
7478	9.1	47 24.75	3.2151	0.0077	8 8 13.1	13.379	0.343	93.1	69 170	8 5503
7479	9.1	47 27.38	3.2021	0.0074	7 24 15.6	13.382	0.342	94.5	176 199 278 335	7 5428
7480	8.9	47 30.84	3.2029	0.0075	7 27 13.9	13.386	0.342	94.0	72 176 335	7 5429
7481	9.1	20 47 58.25	+3.2453	−0.0085	−9 51 23.0	+13.416	+0.346	94.1	157 268	10 5539
7482	9.2	47 58.86	3.1785	0.0069	6 4 54.1	13.416	0.339	94.1	159 273	6 5614
7483	9.2	48 7.42	3.2067	0.0076	7 41 28.6	13.425	0.342	94.2	165 277	7 5432
7484	8.9	48 14.93	3.1878	0.0071	6 37 3.6	13.434	0.339	93.1	76 171	6 5615
7485	9.0	48 32.18	3.2118	0.0077	7 59 11.4	13.452	0.341	93.1	69 170	8 5510
7486	6.4	20 48 38.61	+3.1991	−0.0074	−7 16 2.9	+13.459	+0.340	94.2	176 274	7 5433
7487	9.0	48 42.26	3.2182	0.0079	8 21 27.0	13.463	0.342	94.0	170 184 276	8 5511
7488	9.0	48 53.72	3.2439	0.0085	9 48 47.0	13.476	0.345	93.7	157 188	9 5607
7489	8.7	48 59.16	3.2275	0.0081	8 53 27.9	13.481	0.343	94.2	175 268	9 5608
7490	8.9	49 0.56	3.2331	0.0083	9 12 25.3	13.483	0.342	93.7	173 191	9 5609
7491	9.1	20 49 6.18	+3.2209	−0.0080	−8 31 17.7	+13.489	+0.341	93.1	82 169	8 5514
7492	8.7	49 10.43	3.2039	0.0075	7 33 30.3	13.494	0.340	94.1	89 166 278 335	7 5435
7493	8.2	49 18.11	3.1739	0.0068	5 50 40.2	13.502	0.337	93.1	74 171	6 5619
7494	7.5	49 23.15	3.2339	0.0083	9 15 44.7	13.507	0.343	93.7	173 191	9 5611
7495	8.5	49 25.73	3.2213	0.0080	8 33 35.6	13.510	0.341	93.1	82 169	8 5516
7496	9.4	20 49 31.93	+3.1728	−0.0068	−5 47 14.8	+13.517	+0.337	93.1	74 172	5 5411
7497	8.2	49 38.26	3.2147	0.0078	8 10 54.1	13.524	0.340	93.7	170 199	8 5517
7498	7.9	49 43.40	3.2035	0.0075	7 33 14.1	13.529	0.339	93.1	89 166	7 5437
7499	9.1	49 46.02	3.1740	0.0068	5 51 37.7	13.532	0.336	94.0	159 171 273	6 5624
7500	8.8	50 0.23	3.2159	0.0078	8 15 53.6	13.547	0.340	93.3	69 170 184	8 5519

[1] Dpl. praec., com. 9m.4

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7501	9.0	20h 50m 9s.01	+3s.1834	−0s.0071	−6° 24' 58".2	+13".557	+0".337	93.1	76 172	6° 5627
7502	9.1	50 11.37	3.2300	0.0082	9 4 28.6	13.559	0.341	93.7	173 188	9 5615
7503	9.3	50 21.69	3.1950	0.0073	7 4 49.7	13.570	0.337	94.1	165 274	7 5441
7504	9.2	50 28.78	3.2024	0.0075	7 30 17.1	13.578	0.338	94.0	89 166 335	7 5442
7505	8.2	50 46.17	3.2125	0.0077	8 5 54.3	13.597	0.338	93.1	82 169	8 5523
7506	9.7	20 50 51.19	+3.2300	−0.0082	−9 5 47.9	+13.602	+0.340	93.7	157 188	9 5616
7507	8.3	51 5.65	3.2046	0.0076	7 39 13.1	13.617	0.337	93.7	72 176 278	7 5445
7508	9.2	51 14.87	3.1731	0.0068	5 50 44.1	13.627	0.334	93.1	74 172	6 5630
7509	8.3	51 19.31	3.1990	0.0074	7 20 19.0	13.632	0.336	93.7	165 184 199	7 5448
7510	8.9	51 43.64	3.1904	0.0072	6 51 16.8[1]	13.658	0.335	94.2 98.4	176 274 429δ 431δ	7 5450
7511	9.0	20 51 44.19	+3.2312	−0.0083	−9 11 34.8	+13.659	+0.339	93.7	157 175 191	9 5617
7512	7.5	52 19.34	3.2116	0.0077	8 5 55.3	13.696	0.336	93.1	69 169	8 5529
7513	8.7	52 30.85	3.1972	0.0074	7 16 22.5	13.708	0.334	93.7	165 184 199	7 5455
7514	9.2	52 32.20	3.1899	0.0072	6 51 2.6	13.710	0.334	94.7	176 277 278 335	7 5456
7515	8.8	52 47.62	3.1848	0.0071	6 33 38.7	13.726	0.333	93.1	76 159	6 5637
7516	9.4	20 53 7.42	+3.1984	−0.0075	−7 21 43.4	+13.747	+0.333	93.7	166 199	7 5458
7517	8.9	53 10.02	3.2307	0.0084	9 13 29.3	13.750	0.336	93.7	157 191	9 5627
7518	9.2	53 16.61	3.2025	0.0076	7 35 57.4	13.757	0.334	93.1	72 166	7 5459
7519	*8.9	53 27.01	3.2395	0.0086	9 44 14.5	13.768	0.337	93.7	173 188*	9 5631
7520	*8.9	53 30.37	3.2389	0.0086	9 42 6.8	13.772	0.337	93.7	173 188*	9 5632
7521	9.0	20 53 32.74	+3.2191	−0.0081	−8 34 11.1	+13.774	+0.335	93.3	69 169 170	8 5533
7522	*9.1	53 33.24	3.2396	0.0086	9 44 52.6	13.775	0.337	93.7	173 188*	9 5635
7523	8.2	53 47.22	3.1969	0.0074	7 17 38.2	13.789	0.332	92.9	72 89 165	7 5460
7524	9.1	53 56.40	3.1855	0.0072	6 38 8.4	13.799	0.331	94.2	176 273	6 5641
7525	8.9	53 58.68	3.2309	0.0084	9 15 57.4	13.802	0.336	94.2	175 268	9 5636
7526	8.2	20 54 2.19	+3.2417	−0.0087	−9 53 4.1	+13.805	+0.337	94.2	175 276	10 5562
7527	8.0	54 6.39	3.2091	0.0078	8 0 48.7	13.810	0.333	93.1	82 169	8 5535
7528	9.3	54 14.78	3.1802	0.0070	6 19 55.2	13.819	0.331	93.1	76 171	6 5642
7529	9.1	54 23.31	3.1850	0.0071	6 36 59.7	13.828	0.330	93.1	74 176	6 5643
7530	9.1	54 46.43	3.1847	0.0071	6 36 39.0	13.852	0.330	93.1	74 176	6 5644
7531[2]	9.3	20 54 49.61	+3.1754	−0.0069	−6 4 0.4	+13.855	+0.329	94.2	172 277	6 5645
7532	9.0	54 51.26	3.1731	0.0069	5 55 40.4	13.857	0.329	94.2	171 273	6 5646
7533	9.0	54 54.00	3.2054	0.0077	7 48 54.4	13.860	0.332	94.2	166 277	7 5464
7534	9.2	55 14.20	3.1767	0.0071	6 9 25.9	13.881	0.328	94.2	172 278	6 5649
7535	*6.2	55 15.63	3.1719	0.0069	5 52 2.2	13.883	0.328	94.2	171 273*	6 5650
7536	9.2	20 55 20.47	+3.2114	−0.0079	−8 11 4.3	+13.888	+0.331	93.1	82 169	8 5543
7537	8.6	55 23.88	3.1697	0.0069	5 44 52.5	13.891	0.327	94.2	176 273	5 5434
7538	8.1	55 25.60	3.2208	0.0082	8 44 3.7	13.893	0.332	94.2	170 278	8 5544
7539	9.1	55 33.03	3.2040	0.0077	7 45 37.4	13.901	0.331	94.2	184 277	7 5469
7540	8.9	56 14.97	3.2029	0.0077	7 43 15.4	13.945	0.330	93.1	85 166	7 5472
7541	8.0	20 57 5.19	+3.2387	−0.0086	−9 50 27.3	+13.998	+0.332	93.7	173 188	10 5577
7542	9.1	57 24.33	3.1711	0.0070	5 52 50.4	14.018	0.325	93.3	74 159 172	6 5657
7543	8.2	57 37.05	3.2021	0.0078	7 42 58.5	14.031	0.328	92.9	72 85 165	7 5476
7544	8.7	57 50.64	3.2101	0.0080	8 11 19.1	14.045	0.327	93.3	82 169 170	8 5555
7545	9.1	57 55.70	3.1823	0.0072	6 33 22.9	14.050	0.325	93.3	76 171 184	6 5659
7546	9.0	20 58 8.30	+3.2232	−0.0084	−8 58 39.4	+14.063	+0.329	93.7	157 175 188	9 5645
7547	8.2	58 8.89	3.1689	0.0069	5 46 10.3	14.064	0.324	93.8	171 199	5 5447
7548	8.9	58 22.54	3.1835	0.0073	6 38 11.9	14.078	0.324	93.3	76 159 176	6 5661
7549[3]	...	58 47.28	3.1763	0.0071	6 13 10.9	14.104	0.323	93.1	74 171	6 5664
7550	8.8	58 48.16	3.2160	0.0082	8 34 33.8	14.105	0.327	93.1	69 169	8 5562

[1] 16".7 18".3(½) 16".8 16".0 [2] Z. 277: Dpl.? maj. [3] Dpl. med. (6m.1 8m.4)

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
7551	8.4	20h 59m 5s.27	+3s.1968	−0s.0076	−7° 26′ 42″.3	+14″.122	+0″.324	93.3	72 165 184	7° 5479
7552	9.0	59 6.79	3.2342	0.0087	9 39 44.3	14.124	0.328	93.7	157 175 188	9 5648
7553	8.5	59 22.73	3.2259	0.0085	9 10 34.1	14.140	0.327	93.7	173 188	9 5650
7554	9.1	59 35.44	3.1915	0.0075	7 8 47.5	14.154	0.324	93.3	85 165 184	7 5481
7555	9.3	59 58.30	3.1780	0.0071	6 21 16.0	14.177	0.322	93.7	159 199	6 5666
7556	9.2	21 0 4.66	+3.1811	−0.0072	−6 32 34.7	+14.184	+0.322	93.1	76 172	6 5667
7557	8.2	0 18.66	3.2188	0.0083	8 47 44.6	14.198	0.326	93.1	69 169	8 5568
7558	8.8	0 21.28	3.1732	0.0070	6 4 49.5	14.201	0.320	93.8	171 199	6 5670
7559	9.0	0 23.93	3.2002	0.0077	7 41 36.4	14.204	0.323	93.1	72 166	7 5484
7560	8.7	0 32.91	3.2260	0.0085	9 14 4.6	14.213	0.325	93.7	173 188	9 5652
7561	*8.7	21 0 50.52	+3.1807	−0.0072	−6 32 22.1	+14.231	+0.321	93.1	76 172*	6 5672
7562	9.5	0 53.93	3.2325	0.0087	9 37 51.2	14.234	0.326	93.7	157 175 191	9 5654
7563	8.8	0 55.62	3.1898	0.0074	7 5 25.2	14.236	0.322	93.1	85 165	7 5486
7564	8.8	0 59.21	3.1827	0.0073	6 39 57.3	14.240	0.321	94.2	176 273	6 5673
7565	8.7	1 1.66	3.1708	0.0070	5 57 0.2	14.242	0.319	94.2	176 273	6 5674
7566	9.1	21 1 9.02	+3.2096	−0.0080	−8 16 59.7	+14.250	+0.323	93.1	69 169	8 5573
7567	8.9	1 10.54	3.1742	0.0071	6 9 43.6	14.251	0.319	93.8	172 199	6 5676
7568	9.2	1 19.89	3.2015	0.0078	7 48 19.3[1]	14.261	0.322	94.2 98.4	166 277 429δ 431δ	7 5488
7569	9.4	1 21.49	3.2024	0.0078	7 51 34.2	14.263	0.322	93.1	85 170	8 5574
7570	9.4	1 22.97	3.1733	0.0070	6 6 45.6	14.264	0.319	93.1	74 159	6 5679
7571	9.1	21 1 36.83	+3.1854	−0.0073	−6 50 41.3	+14.278	+0.320	94.2	184 274	7 5490
7572	9.1	1 45.85	3.1979	0.0077	7 36 18.9	14.288	0.321	93.1	72 166	7 5492
7573	8.7	1 47.12	3.2071	0.0080	8 9 13.4	14.289	0.321	94.2	176 276	8 5576
7574	9.0	1 48.87	3.2242	0.0085	9 10 39.9	14.291	0.323	93.7	157 188	9 5658
7575	9.2	1 57.68	3.1974	0.0077	7 34 56.8	14.300	0.321	94.2 98.4	165 277 429δ 433δ	7 5493
7576	8.4	21 2 3.83	+3.2139	−0.0082	−8 33 58.9	+14.306	+0.322	93.1	82 169	8 5580
7577	7.0	2 5.34	3.2149	0.0082	8 38 11.2	14.308	0.322	93.1	82 169	8 5581
7578	8.5	2 24.95	3.2180	0.0084	8 49 57.7	14.328	0.322	93.7	173 191	9 5661
7579	8.1	2 25.64	3.1706	0.0070	5 58 30.1	14.328	0.317	93.1	74 171	6 5683
7580	9.3	2 26.67	3.2084	0.0080	8 15 16.3	14.329	0.321	94.2	170 276	8 5586
7581	8.7	21 2 43.42	+3.2222	−0.0084	−9 5 36.7	+14.346	+0.322	93.7	173 191	9 5662
7582	8.1	3 15.67	3.2141	0.0082	8 37 56.5	14.379	0.320	93.1	82 169	8 5588
7583	7.9	3 25.70	3.1935	0.0076	7 23 26.9	14.389	0.318	93.1	85 165	7 5501
7584	9.2	3 28.84	3.1800	0.0072	6 34 32.1	14.393	0.317	93.1	76 172	6 5687
7585	9.2	3 36.42	3.1723	0.0070	6 6 34.1	14.400	0.316	94.2	176 277	6 5688
7586	8.5	21 3 38.24	+3.1825	−0.0073	−6 44 0.7	+14.402	+0.317	94.2	172 273	6 5689
7587	*7.0	3 41.21	3.1702	0.0070	5 59 5.4	14.405	0.315	93.1	74 176*	6 5690
7588	8.8	3 48.17	3.2200	0.0084	9 0 29.8	14.412	0.320	93.7	173 191	9 5667
7589	8.9	4 6.93	3.2290	0.0086	9 33 30.1	14.431	0.320	94.2	175 278	9 5668
7590	9.4	4 23.03	3.2073	0.0080	8 15 31.6	14.447	0.318	94.2	170 279	8 5595
7591	8.9	21 4 44.25	+3.1780	−0.0072	−6 29 27.3	+14.469	+0.315	93.1	76 172	6 5694
7592	9.1	5 1.13	3.2234	0.0086	9 15 26.4	14.486	0.319	94.2	173 278	9 5671
7593	8.6	5 5.61	3.2044	0.0081	8 6 52.7[2]	14.490	0.316	94.2 97.0	169 276 431δ	8 5596
7594	9.4	5 11.84	3.2193	0.0085	9 0 53.2	14.497	0.318	93.7	173 191	9 5673
7595	9.2	5 19.14	3.1696	0.0071	5 59 47.7	14.504	0.313	93.1	74 176	6 5697
7596	9.2	21 5 21.87	+3.1721	−0.0072	−6 9 1.6	+14.507	+0.313	94.2	171 277	6 5698
7597	6.6	5 23.41	3.2315	0.0088	9 45 35.6	14.508	0.319	94.2	175 276	9 5674
7598	8.6	5 23.49	3.1725	0.0072	6 10 13.3	14.509	0.313	94.2	171 273	6 5699
7599	8.7	5 26.74	3.2031	0.0080	8 2 53.8	14.512	0.316	93.7	169 199	8 5597
7600	9.3	5 49.71	3.2287	0.0087	9 36 46.2	14.535	0.318	93.7	175 188	9 5677

[1] 20″.6 18″.1 18″.8 19″.8 [2] 51″.2 53″.8 53″.2

Nr.	Gr.	A. R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
7601	9.4	21h 5m 50.s74	+3.s2315	−0.s0088	−9° 47′ 7.″4	+14.″536	+0.″319	94.2	175 278	9° 5678
7602	8.6	6 6.58	3.1978	0.0079	7 45 0.1	14.552	0.315	93.1	85 165	7 5507
7603	8.6	6 26.76	3.2078	0.0082	8 22 16.8	14.572	0.315	93.3	82 169 184	8 5599
7604	9.2	6 30.99	3.2075	0.0082	8 21 13.4	14.576	0.315	93.3	82 169 184	8 5600
7605	8.5	6 41.50	3.1752	0.0072	6 22 21.7	14.587	0.311	93.1	76 172	6 5705
7606	7.7	21 6 41.58	+3.1727	−0.0072	−6 13 24.2	+14.587	+0.311	93.1	76 159	6 5706
7607	8.8	6 56.45	3.2140	0.0084	8 46 2.5	14.602	0.315	94.1	170 199 279	8 5603
7608	9.1	7 6.53	3.2190	0.0085	9 4 45.4	14.612	0.315	93.7	173 188	9 5688
7609	9.1	7 18.66	3.2182	0.0085	9 2 13.0	14.624	0.314	93.7	173 188	9 5689
7610	8.5	7 22.27	3.2105	0.0083	8 34 6.4	14.628	0.314	94.2	170 276	8 5604
7611	9.0	21 7 22.84	+3.1896	−0.0076	−7 16 53.5	+14.628	+0.312	94.2	165 277	7 5511
7612	9.4	7 24.99	3.1792	0.0074	6 38 33.8	14.630	0.311	94.2	171 273	6 5707
7613	8.3	7 28.34	3.1941	0.0078	7 34 2.0	14.634	0.312	94.2	176 277	7 5512
7614	*9.1	7 38.62	3.1879	0.0076	7 11 5.6	14.644	0.311	93.1	85* 166	7 5514
7615	8.8	8 2.32	3.1951	0.0078	7 38 51.2	14.667	0.311	94.2	176 277	7 5516
7616	8.6	21 8 2.58	+3.1864	−0.0076	−7 6 19.4	+14.668	+0.310	94.0	165 184 278	7 5517
7617	7.6	8 13.00	3.1736	0.0072	6 19 25.2	14.678	0.309	93.1	74 159	6 5712
7618	7.5	8 19.17	3.1825	0.0075	6 52 39.8	14.684	0.310	94.2	172 278	7 5518
7619	9.8	8 41.04	3.1878	0.0076	7 12 55.3	14.706	0.309	94.0	166 176 278	7 5519
7620	9.3	8 54.73	3.2107	0.0083	8 38 29.1	14.719	0.312	93.1	82 169	8 5609
7621	8.2	21 9 18.15	+3.1740	−0.0073	−6 22 37.4	+14.743	+0.307	93.3	74 159 172	6 5719
7622	8.8	9 34.77	3.2021	0.0081	8 8 4.1	14.759	0.310	93.8	170 184 199	8 5611
7623	7.4	9 35.72	3.1918	0.0078	7 30 4.5	14.760	0.309	93.1	85 165	7 5522
7624	7.4	9 37.10	3.2122	0.0084	8 46 1.7	14.761	0.311	93.7	169 199	8 5613
7625	*7.0	9 47.54	3.1672	0.0071	5 57 55.2	14.772	0.306	93.1	76 171*	6 5720
7626	8.0	21 10 6.62	+3.1743	−0.0073	−6 25 24.6	+14.790	+0.306	93.1	74 159	6 5722
7627	*8.9	10 9.11	3.2271	0.0088	9 42 8.7	14.793	0.311	94.1	173 188 283*	9 5696
7628	8.6	10 13.47	3.1656	0.0070	5 52 46.3	14.797	0.306	93.1	76 171	6 5725
7629	9.2	10 13.51	3.1895	0.0077	7 22 39.4	14.797	0.308	93.2	85 176	7 5524
7630	*7.6	10 26.81	3.2241	0.0087	9 32 11.4	14.810	0.310	93.7	173* 191	9 5698
7631	8.2	21 10 32.58	+3.2285	−0.0088	−9 48 26.7	+14.816	+0.311	93.7	175 188	9 5699
7632	9.2	10 36.06	3.2064	0.0082	8 26 34.3	14.819	0.308	94.2	170 276	8 5616
7633	*6.9	10 55.68	3.2253	0.0088	9 37 51.6	14.839	0.310	93.7	173* 184 188	9 5700
7634	9.6	10 58.20	3.1858	0.0076	7 10 30.1	14.841	0.305	94.2	166 277	7 5526
7635	9.5	11 4.65	3.1854	0.0076	7 9 2.9	14.847	0.305	94.2	166 277	7 5527
7636	8.0	21 11 7.62	+3.2242	−0.0087	−9 34 28.9	+14.850	+0.309	93.7	175 188	9 5701
7637	9.0	11 23.65	3.2269	0.0088	9 45 14.2	14.866	0.310	93.7	175 191	9 5702
7638[1]	...	11 23.66	3.2000	0.0080	8 4 21.3	14.866	0.307	93.7	169 199	8 5617
7639	9.4	11 31.94	3.2242	0.0087	9 35 26.5	14.874	0.309	93.7	173 191	9 5703
7640	9.1	11 41.42	3.2099	0.0084	8 42 8.6	14.883	0.307	93.1	82 170	8 5621
7641	7.8	21 12 9.74	+3.1632	−0.0070	−5 47 2.6	+14.911	+0.303	93.1	76 171	5 5507
7642	9.1	12 11.64	3.2025	0.0081	8 15 52.0	14.913	0.306	94.2 97.0	170 276 433δ	8 5623
7643	9.3	12 11.72	3.1981	0.0080	7 59 4.5	14.913	0.305	93.7	169 199	8 5624
7644	8.3	12 18.76	3.1648	0.0070	5 53 11.2	14.920	0.302	93.3	76 171 184	6 5729
7645	9.0	12 19.57	3.1837	0.0075	7 5 6.5	14.921	0.303	93.1	85 165	7 5529
7646	7.7	21 12 21.19	+3.1697	−0.0072	−6 11 57.5	+14.922	+0.302	93.1	74 172	6 5730
7647	8.9	12 50.83	3.1753	0.0073	6 34 3.4	14.951	0.302	93.8	172 198	6 5731
7648	9.3	13 3.06	3.1943	0.0079	7 46 41.1	14.963	0.303	94.2	166 277	7 5531
7649	9.5	13 6.33	3.1625	0.0070	5 45 51.9	14.966	0.301	94.1	172 184 278	5 5514
7650	9.2	13 21.81	3.2111	0.0084	8 51 9.7	14.981	0.305	93.7	175 191	9 5707

[1] Dpl. med., Z. 199: 8.m5 8.m6

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7651	8.2	21h 13m 34.s37	+3.s1795	−0.s0074	−6° 51′ 33.″6	+14.″993	+0.″301	94.2	176 278	7° 5536
7652	8.1	13 40.61	3.1935	0.0079	7 45 1.6	14.999	0.303	94.2	165 277	7 5537
7653	8.2	13 40.92	3.1905	0.0078	7 33 33.5	15.000	0.302	93.2	85 176	7 5538
7654	9.5	13 41.26	3.2021	0.0081	8 17 56.8	15.000	0.303	93.1	82 170	8 5627
7655	9.0	13 47.26	3.2226	0.0087	9 35 27.8	15.006	0.305	93.7	173 188	9 5709
7656	9.6	21 14 20.22	+3.2076	−0.0083	−8 40 31.5	+15.038	+0.303	94.2	169 276	8 5628
7657	8.5	14 24.63	3.1642	0.0071	5 54 30.3	15.042	0.300	93.1	74 171	6 5733
7658	8.9	14 32.02	3.1724	0.0073	6 26 35.4	15.049	0.299	94.2	172 273	6 5735
7659	9.3	14 38.45	3.1876	0.0077	7 24 42.9	15.055	0.301	94.0	165 184 277	7 5540
7660	9.2	14 42.86	3.2053	0.0083	8 32 41.0	15.059	0.302	93.7	169 199	8 5629
7661	9.3	21 15 0.05	+3.1704	−0.0072	−6 19 37.9	+15.076	+0.298	94.2	171 273	6 5738
7662	7.6	15 28.47	3.2211	0.0088	9 34 29.5	15.103	0.302	93.7	173 188	9 5715
7663	9.1	15 30.98	3.2193	0.0087	9 27 56.0	15.106	0.302	93.7	173 175 188	9 5716
7664	9.0	15 36.40	3.1840	0.0076	7 13 6.3	15.111	0.298	94.2	166 278	7 5543
7665	8.0	15 56.31	3.2068	0.0083	8 41 22.7	15.130	0.300	94.2	170 276	8 5631
7666	9.4	21 16 0.51	+3.2110	−0.0085	−8 57 33.8	+15.134	+0.300	94.1	173 184 278	9 5718
7667	9.2	16 1.06	3.2051	0.0083	8 34 58.5[1]	15.134	0.300	94.2 97.0	169 276 433δ	8 5632
7668	9.3	16 14.02	3.1682	0.0072	6 13 3.7	15.147	0.296	94.2	172 277	6 5741
7669	9.4	16 17.19	3.1643	0.0071	5 57 55.3	15.150	0.296	94.2	172 279	6 5742
7670	8.9	16 21.65	3.1608	0.0070	5 44 35.9	15.154	0.295	94.2	176 273	5 5528
7671	[7.0]	21 16 36.69	+3.2230	−0.0089	−9 45 7.7	+15.169	+0.301	93.7	175 191	9 5724
7672	8.2	16 36.88	3.1948	0.0080	7 56 45.7	15.169	0.298	94.2	170 278	8 5634
7673	9.3	16 48.39	3.2259	0.0090	9 56 38.0	15.180	0.301	93.7	175 188	10 5659
7674	9.3	17 3.22	3.1841	0.0076	7 16 20.8	15.194	0.297	94.2	166 277	7 5546
7675	8.9	17 10.34	3.1943	0.0080	7 56 4.9	15.201	0.298	93.7	170 198	8 5635
7676	7.2	21 17 20.87	+3.1652	−0.0071	−6 3 33.4	+15.211	+0.294	93.1	74 171	6 5743
7677	*6.5	17 34.66	3.2221	0.0089	9 44 44.6	15.224	0.299	93.7	175* 191	9 5728
7678	8.2	17 42.05	3.1742	0.0074	6 39 35.5	15.231	0.295	93.1	74 171	6 5745
7679	9.2	17 51.23	3.1787	0.0075	6 57 13.1	15.239	0.294	94.2	172 278	7 5548
7680	9.0	17 55.00	3.2063	0.0084	8 44 36.5	15.243	0.297	93.3	82 169 184	8 5638
7681	9.3	21 18 3.93	+3.2064	−0.0084	−8 45 16.3	+15.251	+0.297	93.4	82 169 170 184	8 5639
7682	8.0	18 34.22	3.1792	0.0075	7 0 44.5	15.280	0.293	93.3	85 165 166	7 5549
7683	8.4	18 37.13	3.1792	0.0075	7 0 43.2	15.283	0.293	93.4	85 165 166 172	7 5550
7684	9.5	18 44.78	3.2097	0.0085	9 0 7.2	15.290	0.296	93.7	173 188	9 5734
7685	8.3	18 53.02	3.1815	0.0076	7 10 23.7	15.298	0.293	94.3	199 283	7 5551
7686	7.2	21 19 18.40	+3.1808	−0.0076	−7 8 36.3	+15.322	+0.292	94.3	199 283	7 5553
7687	9.0	19 20.26	3.1993	0.0082	8 21 14.8	15.323	0.294	94.0	170 176 198 279	8 5644
7688	9.1	19 24.09	3.2105	0.0085	9 5 1.9	15.327	0.295	93.7	173 188	9 5738
7689	7.5	19 26.54	3.1634	0.0071	6 0 36.4	15.329	0.291	93.1	74 171	6 5750
7690	8.0	19 35.88	3.2032	0.0083	8 36 46.9	15.338	0.295	94.2	169 276	8 5645
7691	9.2	21 19 49.17	+3.1855	−0.0077	−7 28 12.7	+15.351	+0.292	94.2	165 277	7 5555
7692	8.6	19 50.89	3.1651	0.0072	6 7 49.1	15.352	0.290	93.3	76 171 184	6 5754
7693	9.6	20 7.19	3.1583	0.0069	5 41 29.7	15.367	0.289	94.2	172 277	5 5543
7694	9.1	20 16.57	3.2085	0.0085	8 59 39.5	15.376	0.294	93.7	175 191	9 5740
7695	9.4	20 18.95	3.2192	0.0088	9 41 9.8	15.378	0.294	93.7	173 191	9 5741
7696	8.9	21 20 22.80	+3.1971	−0.0081	−8 15 1.8	+15.382	+0.292	93.7	82 170 279	8 5648
7697	9.4	20 26.50	3.1982	0.0082	8 19 28.5	15.386	0.292	94.0	170 176 276	8 5649
7698	8.2	20 41.87	3.2040	0.0084	8 42 53.7	15.400	0.293	93.7	169 198	8 5650
7699	8.2	21 18.88	3.1689	0.0073	6 26 1.4	15.434	0.288	93.7	74 171 184 273	6 5757
7700	8.8	21 35.72	3.1660	0.0072	6 14 51.5	15.450	0.287	93.6	76 172 273	6 5759

[1] 59.″2 57.″2(½) 58.″5

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7701	8.8	$21^h\ 21^m\ 42^s.12$	$+3^s.1835$	$-0^s.0077$	$-7°\ 24'\ 35''.7$	$+15''.456$	$+0''.289$	93.1	85 165	7° 5561
7702	8.5	21 46.08	3.1759	0.0075	6 54 42.5	15.460	0.288	93.7	166 199	7 5563
7703	9.2	21 50.67	3.1990	0.0082	8 26 29.9	15.464	0.290	94.1	170 198 279	8 5653
7704	7.9	21 55.29	3.2109	0.0086	9 13 19.8	15.468	0.291	93.7	175 188	9 5747
7705	8.6	21 58.86	3.2145	0.0087	9 27 56.4	15.472	0.292	93.7	173 191	9 5748
7706	7.6	21 22 5.17	+3.1838	−0.0077	−7 26 49.7	+15.477	+0.289	93.1	85 165	7 5565
7707	7.9	22 25.02	3.2040	0.0084	8 47 38.9	15.496	0.290	93.1	82 169	8 5657
7708	9.3	22 31.13	3.2085	0.0086	9 6 9.9	15.501	0.290	93.7	173 188	9 5751
7709	8.5	22 37.63	3.1592	0.0070	5 49 40.7	15.508	0.286	93.3	76 172 184	6 5760
7710	8.7	22 46.01	3.1625	0.0071	6 3 17.4	15.515	0.286	93.1 96.3	74 171 433δ	6 5761
7711	8.6	21 23 20.27	+3.1771	−0.0075	−7 2 58.6	+15.547	+0.286	93.1	85 166	7 5569
7712	8.9	23 23.52	3.2121	0.0087	9 22 36.3	15.550	0.289	93.7	175 191	9 5752
7713	9.4	23 27.53	3.1998	0.0083	8 33 52.3	15.554	0.288	93.7	169 199	8 5660
7714	*7.7	23 31.86	3.2127	0.0087	9 25 32.8	15.558	0.289	93.7	175 191*	9 5753
7715	9.6	23 41.37	3.1851	0.0078	7 35 34.7	15.566	0.286	94.2	166 277	7 5570
7716	9.1	21 23 49.42	+3.1782	−0.0076	−7 8 24.3	+15.574	+0.285	94.0	165 184 277	7 5571
7717	8.7	24 14.34	3.2044	0.0085	8 54 33.0	15.596	0.287	93.7	173 188	9 5757
7718	9.1	24 21.68	3.1954	0.0082	8 18 31.0	15.603	0.286	93.1	82 170	8 5662
7719	8.9	24 37.90	3.2061	0.0085	9 2 22.5	15.618	0.286	94.2	173 276	9 5758
7720	8.7	24 43.30	3.1865	0.0079	7 43 52.5	15.623	0.284	94.1	176 184 279	7 5574
7721	9.2	21 24 45.09	+3.1762	−0.0075	−7 2 56.4	+15.625	+0.283	94.2	172 278	7 5575
7722	8.6	24 45.89	3.1583	0.0070	5 50 7.8	15.625	0.282	93.1	76 171	6 5766
7723	9.3	24 56.03	3.1596	0.0071	5 55 30.9	15.635	0.282	93.8	171 198	6 5767
7724	*9.3	24 59.36	3.1993	0.0083	8 36 8.5	15.638	0.286	93.7 93.8	169*a 176 199	8 5665
7725	9.5	25 23.46	3.1985	0.0083	8 33 51.5	15.660	0.285	94.2	170 278	8 5666
7726	9.3	21 26 7.57	+3.2115	−0.0087	−9 28 26.8	+15.700	+0.285	93.7	175 188	9 5763
7727	8.8	26 7.61	3.2071	0.0086	9 10 58.0	15.700	0.284	94.2	173 276	9 5762
7728	**3.0**	**26 17.67**	**3.1602**	**0.0071**	**6 0 40.2**	**15.709**	**0.282**		**Fund. Cat.**	6 5770
7729	9.0	26 23.83	3.1787	0.0076	7 16 13.1	15.715	0.281	94.2	172 277	7 5579
7730	9.5	26 25.46	3.1987	0.0083	8 37 39.9	15.716	0.283	94.7	278 283	8 5670
7731	9.5	21 26 29.72	+3.1983	−0.0083	−8 36 10.7	+15.720	+0.283	94.2	176 276	8 5671
7732	9.1	26 37.63	3.1944	0.0082	8 20 44.3	15.727	0.282	93.8 98.2	175a 199 433δ	8 5672
7733	9.3	26 44.05	3.1692	0.0073	6 38 12.3	15.733	0.280	94.2	171 273	6 5772
7734	9.0	27 10.93	3.1758	0.0076	7 6 20.4	15.757	0.280	94.2	176 277	7 5581
7735	8.5	27 13.51	3.1705	0.0074	6 44 59.8	15.759	0.279	93.8	171 198	6 5775
7736	9.4	21 27 21.68	+3.2118	−0.0088	−9 33 44.9	+15.767	+0.282	93.7	173 188	9 5764
7737	9.1	27 44.83	3.1983	0.0083	8 39 30.4	15.788	0.281	93.7	170 199	8 5674
7738	9.2	27 52.94	3.1655	0.0072	6 25 28.3	15.795	0.277	93.8	172 198	6 5779
7739	8.8	28 18.68	3.2114	0.0088	9 34 38.8	15.818	0.281	93.7	173 184 188	9 5767
7740	*8.0	28 22.73	3.1709	0.0074	6 48 59.2	15.822	0.278	93.7	166* 199	7 5584
7741	7.9	21 28 30.85	+3.1569	−0.0069	−5 51 38.0	+15.829	+0.276	93.1	76 171	6 5781
7742	9.2	28 33.79	3.2029	0.0085	9 1 11.1	15.832	0.279	93.8	175 201	9 5769
7743	8.6	28 38.11	3.1578	0.0070	5 55 23.3	15.835	0.276	93.1	76 172	6 5782
7744	9.0	29 2.53	3.1881	0.0080	8 1 27.1	15.857	0.278	93.7	169 178 198	8 5681
7745	8.5	29 5.91	3.1973	0.0083	8 39 24.8	15.860	0.279	93.1	78 170	8 5682
7746	8.0	21 29 17.05	+3.1964	−0.0083	−8 36 11.6	+15.870	+0.278	93.1	78 170	8 5684
7747	8.0	29 20.96	3.1852	0.0079	7 50 13.9	15.874	0.277	93.2	82 176	8 5685
7748	8.1	29 22.57	3.2099	0.0088	9 31 53.6	15.875	0.279	93.8	184 188	9 5770
7749	9.0	29 22.93	3.2078	0.0087	9 23 41.6	15.875	0.279	93.8	173 201	9 5771
7750	8.9	29 25.31	3.1953	0.0083	8 32 27.8	15.878	0.278	93.1	78 176	8 5686

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7751	9.1	$21^h\ 29^m\ 37^s.16$	$+3^s.2061$	$-0^s.0086$	$-9°\ 17'\ 13''.6$	$+15^s.888$	$+0^s.279$	93.7	175 191	9° 5772
7752	9.2	30 10.26	3.1851	0.0079	7 51 53.6	15.917	0.276	93.1	82 169	8 5689
7753	9.3	30 34.34	3.1536	0.0069	5 41 35.9	15.939	0.272	93.1	76 171	5 5589
7754	9.1	30 34.67	3.1708	0.0074	6 53 49.5	15.939	0.274	93.1	85 166	7 5590
7755	9.3	31 12.01	3.1641	0.0072	6 26 54.1	15.972	0.272	93.8	172 199	6 5789
7756	9.0	21 31 14.84	+3.2033	−0.0086	−9 10 59.4	+15.975	+0.275	93.7	173 191	9 5781
7757	8.1	31 16.15	3.2078	0.0087	9 29 36.5	15.976	0.276	93.7	175 188	9 5782
7758	9.2	31 27.65	3.1983	0.0084	8 50 43.8	15.986	0.275	93.8	184 201	9 5783
7759	8.6	31 31.45	3.1639	0.0072	6 27 5.1	15.989	0.271	93.8	171 198	6 5790
7760	9.2	31 42.29	3.2020	0.0086	9 7 6.3	15.999	0.274	93.8	175 201	9 5784
7761	8.6	21 31 48.28	+3.1897	−0.0081	−8 15 50.9	+16.004	+0.273	93.3 95.7	82 170 178 433δ	8 5696
7762	9.3	31 50.52	3.1856	0.0080	7 58 50.2	16.006	0.273	93.7	169 199	8 5697
7763	9.2	32 17.94	3.1883	0.0081	8 11 16.0	16.030	0.272	93.1	78 170	8 5699
7764	9.1	32 22.52	3.1768	0.0077	7 22 57.4	16.034	0.271	94.2	176 277	7 5597
7765	[5.0]	32 25.65	3.1899	0.0082	8 18 9.8	16.037	0.272	93.3 95.7	82 170 178 433δ	8 5701
7766	8.5	21 32 25.68	+3.1711	−0.0075	−6 59 38.1	+16.037	+0.271	93.1	85 166	7 5600
7767	8.7	32 34.84	3.2018	0.0086	9 8 45.2	16.045	0.273	93.7	175 191	9 5788
7768	8.6	32 35.27	3.1525	0.0069	5 40 56.9	16.045	0.269	93.1	76 171	5 5597
7769	9.2	32 39.90	3.2002	0.0085	9 2 29.0	16.049	0.273	93.7	173 188	9 5790
7770	9.2	32 59.54	3.1703	0.0075	6 57 18.1	16.066	0.270	93.1	85 166	7 5605
7771	8.7	21 33 1.43	+3.2095	−0.0089	−9 42 13.2	+16.068	+0.273	93.8	184 191	9 5792
7772	9.1	33 7.66	3.1850	0.0080	7 59 49.2	16.074	0.271	93.8	176 198	8 5703
7773	9.3	33 20.32	3.2071	0.0088	9 33 19.1	16.084	0.272	93.7	173 188	9 5795
7774	*8.6	33 33.71	3.2068	0.0088	9 32 34.5	16.096	0.272	93.8	184 188*	9 5797
7775	8.9	33 35.16	3.1967	0.0084	8 50 15.0	16.097	0.271	93.8	175 201	9 5798
7776	8.8	21 33 41.85	+3.1950	−0.0084	−8 43 34.8	+16.103	+0.271	93.7	170 199	8 5706
7777	9.3	33 56.15	3.1807	0.0079	7 43 53.1	16.116	0.269	93.7	88 283	7 5608
7778	9.2	33 56.26	3.2122	0.0090	9 56 41.5	16.116	0.272	93.8	173 201	10 5722
7779	8.8	34 14.31	3.1936	0.0083	8 39 47.3	16.131	0.270	93.1	78 176	8 5708
7780	8.6	34 18.21	3.2061	0.0088	9 32 6.1	16.135	0.271	93.8	184 188	9 5802
7781	8.6	21 34 32.01	+3.1936	−0.0083	−8 40 30.2	+16.147	+0.269	93.2	78 82 170 178	8 5709
7782	8.8	34 38.77	3.2082	0.0089	9 42 6.7	16.153	0.270	93.7	175 191	9 5805
7783	9.3	34 41.62	3.1538	0.0069	5 50 36.7	16.155	0.266	93.1	76 172	6 5799
7784	8.1	35 3.87	3.1672	0.0073	6 49 18.2	16.174	0.266	93.8	172 199	7 5611
7785	8.0	35 5.13	3.1734	0.0075	7 15 56.4	16.175	0.266	93.1	85 166	7 5612
7786	7.5	21 35 8.61	+3.1757	−0.0076	−7 25 40.8	+16.178	+0.266	93.8	176 198	7 5613
7787	7.9	35 37.38	3.2059	0.0088	9 35 45.5	16.203	0.268	93.8	175 188 201	9 5809
7788	8.9	35 46.95	3.1784	0.0077	7 39 13.9	16.211	0.266	93.7	166 198	7 5615
7789	9.1	36 15.51	3.2092	0.0089	9 51 54.6	16.236	0.268	93.7	173 191	10 5739
7790	9.3	36 47.57	3.1599	0.0071	6 21 41.8	16.263	0.262	93.8	171 184 199 201	6 5801
7791	8.3	21 36 52.10	+3.1991	−0.0085	−9 11 2.1	+16.267	+0.265	93.7	175 191	9 5812
7792	8.7	37 5.67	3.1561	0.0069	6 5 40.1	16.279	0.262	93.3	76 171 172	6 5804
7793	8.3	37 9.28	3.1952	0.0084	8 55 13.8	16.282	0.265	93.7	173 188	9 5815
7794	8.8	37 15.61	3.1853	0.0080	8 12 50.2	16.287	0.264	93.3 95.7	78 169 178 433δ	8 5716
7795	8.6	37 16.35	3.1766	0.0077	7 35 19.9	16.288	0.264	93.7	85 176 283	7 5619
7796	9.1	21 37 29.61	+3.1941	−0.0083	−8 51 26.3	+16.299	+0.265	93.7	173 188	9 5819
7797	8.8	37 42.61	3.2068	0.0089	9 46 50.9	16.310	0.265	93.7	175 191	9 5820
7798	9.1	38 3.04	3.1699	0.0075	7 8 26.1	16.327	0.261	93.3	88 166 184	7 5622
7799	8.2	38 7.20	3.1798	0.0078	7 51 56.6	16.331	0.262	93.3	82 169 178	8 5719
7800	9.1	38 10.76	3.1659	0.0073	6 51 9.6[1]	16.334	0.261	93.7	85 172 283	7 5623

[1] $9^s.1$ $8^s.6$ $11^s.1$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7801	9.4	21ʰ 38ᵐ 21ˢ.16	+3ˢ.2014	−0ˢ.0087	−9° 25′ 54″.6	+16″.343	+0″.263	93.8	175 201	9° 5824
7802	9.3	38 56.45	3.1500	0.0068	5 43 7.7	16.372	0.258	93.1	76 171	5 5626
7803	8.2	38 57.17	3.1759	0.0077	7 36 55.9	16.373	0.261	93.4	88 176 184	7 5624
7804	8.6	39 15.69	3.1826	0.0080	8 7 21.6	16.389	0.260	93.1	78 169	8 5723
7805	9.0	39 17.42	3.1531	0.0069	5 57 34.6	16.390	0.258	93.8	172 198	6 5812
7806	9.4	21 39 27.63	+3.2015	−0.0087	−9 30 32.9	+16.399	+0.262	93.8	173 198	9 5826
7807	8.9	39 28.85	3.1493	0.0068	5 40 45.1	16.400	0.257	93.1	76 171	5 5630
7808	8.1	39 30.35	3.1646	0.0073	6 48 41.3	16.401	0.259	93.1	85 166	7 5626
7809	8.9	39 34.23	3.1791	0.0078	7 52 27.7	16.404	0.260	93.1	82 170	8 5725
7810	7.5	39 35.21	3.2013	0.0087	9 29 46.5	16.405	0.261	93.8	173 201	9 5827
7811	8.6	21 39 39.53	+3.1742	−0.0077	−7 31 22.3	+16.408	+0.260	93.8	176 199	7 5627
7812	[5.5]	39 40.39	3.2019	0.0087	9 32 30.8	16.409	0.262	93.7	175 191	9 5829
7813	9.0	39 52.68	3.1717	0.0076	7 20 44.7	16.420	0.258	93.8	176 199	7 5629
7814	8.5	39 57.02	3.1797	0.0079	7 56 35.1	16.423	0.259	93.1	82 170	8 5728
7815	9.2	40 6.54	3.1525	0.0068	5 56 59.4	16.431	0.257	94.2	172 277	6 5816
7816	9.0	21 40 37.47	+3.1741	−0.0077	−7 33 41.5	+16.457	+0.258	93.7	166 199	7 5632
7817	8.4	40 51.32	3.1631	0.0073	6 45 35.4	16.468	0.256	94.2	171 277	6 5819
7818	*6.3	40 56.20	3.2035	0.0088	9 44 14.5	16.473	0.259	94.2	175* 276	9 5833
7819	9.6	41 11.59	3.1679	0.0075	7 7 47.7	16.485	0.256	94.2	184 278	7 5634
7820	8.5	41 22.32	3.1918	0.0084	8 54 20.7	16.494	0.258	94.3	201 283	9 5838
7821	8.3	21 41 25.67	+3.1859	−0.0081	−8 28 3.9	+16.497	+0.256	93.2	82 178	8 5734
7822	8.4	41 26.28	3.1600	0.0072	6 33 9.2	16.498	0.255	93.1	76 172	6 5823
7823	8.1	41 26.33	3.1603	0.0072	6 34 21.0	16.498	0.255	93.1	76 172	6 5822
7824	9.3	41 31.18	3.1760	0.0078	7 44 45.6	16.502	0.256	93.8	184 199	7 5635
7825	9.0	41 31.35	3.1848	0.0081	8 23 54.7	16.502	0.256	93.2	82 178	8 5736
7826	8.3	21 41 33.08	+3.1921	−0.0084	−8 55 54.1	+16.503	+0.257	93.8	175 201	9 5839
7827	9.2	41 54.85	3.1475	0.0068	5 38 27.0	16.521	0.253	94.2	171 277	5 5637
7828	8.8	42 2.10	3.1818	0.0080	8 11 47.4	16.527	0.255	94.3	198 283	8 5737
7829	9.1	42 13.67	3.1860	0.0082	8 31 17.8	16.537	0.256	94.2	178 276	8 5738
7830	8.3	42 19.34	3.1807	0.0080	8 7 45.3	16.541	0.255	94.1	170 198 276	8 5739
7831	6.0	21 42 22.39	+3.1572	−0.0071	−6 22 49.0	+16.544	+0.253	93.1	76 176	6 5827
7832	9.3	42 40.11	3.1555	0.0070	6 15 50.9	16.558	0.252	94.2	172 278	6 5829
7833	8.9	42 42.37	3.1974	0.0086	9 23 50.4	16.560	0.255	93.7	173 188	9 5843
7834	7.4	42 44.37	3.1643	0.0074	6 55 31.5	16.562	0.253	93.7	166 199	7 5637
7835	8.7	43 3.98	3.1673	0.0075	7 9 49.5	16.578	0.252	93.2	88 184	7 5639
7836	7.9	21 43 18.81	+3.1611	−0.0073	−6 42 47.5	+16.590	+0.252	93.7	171 194	6 5834
7837	10	43 20.17	3.1491	0.0068	5 48 32.7	16.591	0.251	94.2	176 277	6 5835
7838	8.6	43 23.23	3.1760	0.0078	7 50 1.0	16.594	0.253	93.7	78 283	8 5743
7839	7.0	43 47.57	3.1497	0.0068	5 52 3.0	16.614	0.250	93.8	176 198	6 5837
7840	8.9	44 5.95	3.1604	0.0072	6 41 48.3	16.629	0.251	93.7	172 194	6 5840
7841	8.4	21 44 14.96	+3.1879	−0.0083	−8 46 40.2	+16.636	+0.252	93.1	82 170	8 5746
7842	9.4	44 17.68	3.1709	0.0077	7 30 11.8	16.638	0.251	93.3	85 166 184	7 5645
7843	9.1	44 46.31	3.1610	0.0073	6 46 8.8	16.662	0.249	93.8	171 179 194 201	6 5842
7844	9.2	44 58.83	3.1868	0.0083	8 44 6.1	16.672	0.251	93.1	82 170	8 5748
7845	7.1	45 15.80	3.1961	0.0086	9 26 54.0	16.685	0.251	93.7	173 175 188	9 5854
7846	*8.6	21 45 20.21	+3.1802	−0.0079	−8 15 9.9	+16.689	+0.249	93.7	78 176* 276	8 5749
7847	9.3	45 25.85	3.1855	0.0081	8 39 42.7	16.694	0.250	93.7	170 198	8 5751
7848	9.3	45 38.78	3.2021	0.0089	9 55 28.1	16.704	0.251	93.7	173 188	10 5772
7849	7.7	45 45.08	3.1816	0.0080	8 22 32.0	16.709	0.249	93.1	78 176	8 5753
7850	9.0	46 4.74	3.1649	0.0074	7 7 20.9	16.725	0.247	93.0	85 88 166	7 5650

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7851	8.6	21^h 46^m 16^s.50	+3^s.1745	−0^s.0077	−7° 52′ 20″.1	+16″.734	+0″.248	93.4	82 178 201	8° 5755
7852	9.0	46 41.47	3.1637	0.0073	7 3 38.5	16.754	0.246	93.1	85 166	7 5653
7853	9.4	46 50.11	3.1685	0.0075	7 26 25.1	16.761	0.246	93.2	88 184	7 5656
7854	8.8	46 52.07	3.1735	0.0077	7 48 58.4	16.763	0.247	93.2	82 178	8 5756
7855	8.8	47 2.45	3.1858	0.0082	8 46 13.1	16.771	0.247	93.4	78 170 198	8 5757
7856	7.8	21 47 10.03	+3.2004	−0.0088	−9 53 11.1	+16.777	+0.248	93.7	173 188	10 5779
7857	8.9	47 22.12	3.1474	0.0067	5 50 3.3	16.787	0.244	93.3	76 171 172	6 5850
7858	9.2	47 35.54	3.1600	0.0072	6 48 56.4	16.798	0.244	93.8	176 198	7 5659
7859	9.3	47 40.03	3.1619	0.0073	6 58 5.4	16.801	0.244	93.1	88 166	7 5660
7860	9.3	47 44.95	3.1685	0.0075	7 28 35.8	16.805	0.244	93.8	184 201	7 5662
7861	9.1	21 48 19.56	+3.1861	−0.0082	−8 52 11.2	+16.833	+0.245	93.8	175 199	9 5866
7862	8.7	48 41.52	3.1615	0.0073	6 59 10.5	16.850	0.242	93.1	88 166	7 5664
7863	7.6	48 56.98	3.1465	0.0067	5 49 36.6	16.862	0.241	93.8	176 198	6 5859
7864	9.3	48 59.27	3.1873	0.0083	9 0 3.9	16.864	0.244	93.8	175 199	9 5869
7865	8.5	49 14.70	3.1740	0.0078	7 58 54.9	16.876	0.242	93.2	82 178	8 5764
7866	8.6	21 49 31.40	+3.1451	−0.0067	−5 44 18.4	+16.889	+0.240	93.8	176 198	5 5663
7867	9.5	49 43.08	3.1586	0.0072	6 47 58.0	16.898	0.241	94.2	182 277	7 5666
7868	9.0	50 30.66	3.1732	0.0078	7 59 18.3	16.936	0.240	93.7	82 178 276	8 5767
7869	9.4	50 38.49	3.1528	0.0070	6 23 11.4	16.942	0.238	93.7	171 194	6 5865
7870	*7.7	50 50.59	3.1516	0.0070	6 18 11.5	16.951	0.238	93.7	172* 194	6 5867
7871	9.5	21 50 56.16	+3.1497	−0.0069	−6 9 36.3	+16.956	+0.237	93.8	172 201	6 5869
7872	7.5	50 57.44	3.1660	0.0075	7 27 14.8	16.957	0.238	93.1	85 166	7 5669
7873	9.2	51 9.03	3.1467	0.0068	5 55 34.6	16.966	0.238	93.8	176 198	6 5870
7874	*9.0	51 11.09	3.1734	0.0078	8 2 28.1	16.967	0.239	93.0	78 82* 178	8 5770
7875	9.8	51 31.60	3.1507	0.0069	6 15 40.7	16.983	0.237	94.2	176 277	6 5873
7876	9.3	21 52 11.20	+3.1440	−0.0067	−5 45 18.1	+17.014	+0.235	93.8	179 198	5 5670
7877	7.4	52 21.17	3.1851	0.0083	9 2 26.3	17.021	0.238	93.7	173 186	9 5876
7878	8.8	52 23.40	3.1853	0.0083	9 3 29.7	17.023	0.238	93.7	173 182 186	9 5877
7879	8.7	52 46.26	3.1427	0.0065	5 40 38.2	17.041	0.234	93.8	171 198	5 5672
7880	6.4	52 58.79	3.1454	0.0066	5 53 55.0	17.050	0.234	93.7	171 194	6 5878
7881	9.0	21 53 3.80	+3.1722	−0.0077	−8 2 39.9	+17.054	+0.235	93.2 96.3	78 178 433δ	8 5774
7882	9.1	53 9.51	3.1544	0.0070	6 37 52.1	17.059	0.234	94.1	172 199 278	6 5879
7883	9.4	53 16.41	3.1813	0.0081	8 47 45.9	17.064	0.236	93.8	175 201	9 5878
7884	8.9	53 22.40	3.1832	0.0082	8 57 9.5	17.068	0.236	93.7	175 186	9 5879
7885	8.6	53 55.33	3.1890	0.0085	9 26 49.1	17.094	0.235	93.8	182 199	9 5881
7886	8.6	21 54 3.76	+3.1456	−0.0067	−5 57 17.1	+17.100	+0.232	93.8	172 198	6 5881
7887	9.0	54 14.42	3.1492	0.0068	6 15 28.9	17.108	0.232	93.7	172 179 194	6 5883
7888	8.3	54 23.85	3.1552	0.0071	6 45 7.9	17.115	0.232	94.1	171 199 278	6 5884
7889	9.1	54 49.90	3.1498	0.0069	6 19 52.2	17.135	0.231	93.8	176 194 201	6 5888
7890	9.1	55 3.97	3.1686	0.0076	7 52 11.6	17.146	0.232	93.2	88 178	8 5782
7891	8.9	21 55 16.28	+3.1702	−0.0077	−8 0 48.0	+17.155	+0.232	93.2	78 '178	8 5783
7892	8.7	55 16.97	3.1825	0.0082	9 0 19.3	17.156	0.232	93.8	175 198	9 5884
7893	9.2	55 23.15	3.1472	0.0068	6 8 49.2	17.160	0.230	93.8	176 179 199	6 5890
7894	8.6	55 24.54	3.1566	0.0072	6 54 44.9	17.161	0.230	93.7	85 166 283	7 5683
7895	9.1	56 18.65	3.1859	0.0084	9 21 32.3	17.202	0.231	93.8	182 186	9 5893
7896	8.2	21 56 20.43	+3.1533	−0.0070	−6 41 40.0	+17.203	+0.229	94.1	171 194 278	6 5893
7897	9.0	56 46.07	3.1476	0.0068	6 14 23.9	17.222	0.228	93.8	172 179 201	6 5896
7898	8.9	56 48.86	3.1905	0.0087	9 45 48.8	17.225	0.231	93.7	175 186	9 5896
7899	9.0	56 50.60	3.1473	0.0068	6 13 4.2	17.226	0.227	94.0	172 179 201 278	6 5897
7900	8.6	57 6.51	3.1704	0.0078	8 8 17.9	17.238	0.228	93.2 96.3	78 178 433δ	8 5785

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7901	9.0	21h 57m 24s.40	+3s.1851	−0s.0084	−9° 22′ 3″.6	+17″.251	+0″.229	93.8	182 198	9° 5899
7902	8.6	57 33.84	3.1675	0.0076	7 55 18.1	17.258	0.227	93.2	78 181	8 5787
7903	9.4	57 38.46	3.1397	0.0064	5 37 41.9	17.261	0.226	94.2	171 277	5 5690
7904	7.6	57 43.16	3.1802	0.0081	8 58 58.1	17.265	0.228	93.8	176 199	9 5901
7905	9.2	57 49.69	3.1875	0.0085	9 35 36.8	17.270	0.229	93.8	182 199	9 5903
7906	*6.5	21 58 0.87	+3.1561	−0.0072	−7 0 21.0	+17.278	+0.226	93.3	85* 166 186*	7 5688
7907	7.8	58 15.37	3.1460	0.0067	6 10 35.7	17.289	0.225	93.8	172 198	6 5901
7908	8.4	58 15.78	3.1672	0.0076	7 56 33.7	17.289	0.226	93.2	78 181	8 5789
7909	7.9	58 16.33	3.1484	0.0068	6 22 25.2	17.290	0.225	94.1	172 194 278	6 5902
7910	8.6	58 22.32	3.1710	0.0077	8 16 4.3	17.294	0.226	93.7	88 178 283	8 5791
7911	9.3	21 58 45.27	+3.1906	−0.0086	−9 54 36.3	+17.311	+0.227	93.7	176 186	10 5822
7912	9.4	59 9.92	3.1498	0.0069	6 32 28.5	17.329	0.224	94.2	179 277	6 5903
7913	*7.2	59 13.67	3.1816	0.0082	9 12 0.9	17.332	0.225	93.7	175* 193	9 5908
7914	9.2	59 25.51	3.1498	0.0069	6 33 1.4	17.340	0.223	93.7	171 194	6 5904
7915	8.2	59 48.36	3.1524	0.0070	6 47 16.1	17.357	0.222	93.3	85 166 182	7 5695
7916	9.0	22 0 8.40	+3.1675	−0.0076	−8 4 56.5	+17.372	+0.223	93.2	78 178	8 5794
7917	8.0	0 15.39	3.1686	0.0077	8 10 51.4	17.377	0.223	93.2	78 178	8 5796
7918	9.0	0 34.40	3.1778	0.0081	8 58 30.8	17.391	0.223	94.3	193 284	9 5910
7919	7.8	0 50.45	3.1407	0.0065	5 50 33.2	17.402	0.220	93.7	171 194	6 5908
7920	8.8	1 29.44	3.1590	0.0073	7 26 18.9	17.430	0.219	93.1	88 166	7 5700
7921	9.4	22 1 30.46	+3.1470	−0.0068	−6 25 5.8	+17.431	+0.219	94.2	179 278	6 5910
7922	7.9	1 31.04	3.1564	0.0072	7 12 58.6	17.432	0.219	94.2	166 278	7 5701
7923	8.9	1 32.91	3.1820	0.0083	9 23 41.7	17.433	0.221	94.2	175 280	9 5917
7924	8.9	1 59.43	3.1848	0.0085	9 40 11.6	17.452	0.221	93.7	175 193	9 5920
7925	9.4	2 8.69	3.1518	0.0070	6 51 47.3	17.459	0.218	94.2	180 278	7 5703
7926	8.9	22 2 19.22	+3.1392	−0.0065	−5 46 52.9	+17.466	+0.218	93.8	179 194	5 5711
7927	8.9	2 26.08	3.1574	0.0073	7 21 25.0	17.471	0.218	93.2	88 182	7 5705
7928	8.0	2 27.19	3.1453	0.0068	6 19 2.0	17.472	0.218	93.8	171 201	6 5912
7929	8.5	2 39.16	3.1629	0.0074	7 50 28.7	17.481	0.218	93.8 96.7	178 193 433δ	8 5806
7930	8.5	2 39.67	3.1414	0.0065	5 59 7.6	17.481	0.217	93.8	179 194	6 5914
7931	9.2	22 2 47.30	+3.1863	−0.0085	−9 51 12.8	+17.486	+0.220	94.3	186 284	10 5840
7932	9.2	2 47.36	3.1697	0.0077	8 26 9.4	17.486	0.218	94.2	181 280	8 5807
7933	9.1	2 49.70	3.1550	0.0071	7 10 4.1	17.488	0.217	93.8	182 187	7 5706
7934	8.0	3 0.20	3.1514	0.0069	6 52 18.5	17.496	0.217	93.1	88 166	7 5708
7935	8.9	3 6.72	3.1655	0.0075	8 5 42.8	17.500	0.217	93.1	78 176	8 5809
7936	9.0	22 3 7.64	+3.1636	−0.0075	−7 55 48.1	+17.501	+0.217	94.2	178 280	8 5810
7937	9.1	3 11.76	3.1572	0.0072	7 22 38.9	17.504	0.216	93.2	85 182	7 5711
7938	9.1	3 16.61	3.1734	0.0079	8 46 56.4	17.507	0.218	94.3	198 283	8 5811
7939	*8.8	3 29.04	3.1663	0.0076	8 10 51.5	17.516	0.217	93.1	78 176*	8 5814
7940	8.8	3 57.44	3.1419	0.0066	6 6 0.7	17.536	0.215	93.7	171 194	6 5918
7941	8.6	22 4 0.19	+3.1607	−0.0074	−7 43 53.5	+17.538	+0.216	93.8	180 187	7 5713
7942	*8.8	4 7.17	3.1658	0.0076	8 10 57.2	17.543	0.216	93.7	176 193*	8 5816
7943	*8.0	4 9.65	3.1715	0.0078	8 40 39.7	17.545	0.217	93.8	181* 198	8 5817
7944	8.7	4 12.98	3.1785	0.0082	9 17 27.6	17.547	0.216	94.2	175 278	9 5927
7945	6.5	4 13.19	3.1639	0.0075	8 1 33.0	17.547	0.215	93.8	178 199	8 5818
7946	8.4	22 4 23.82	+3.1508	−0.0069	−6 53 1.6	+17.555	+0.214	93.1	88 166	7 5715
7947	9.4	4 31.64	3.1380	0.0064	5 46 49.8	17.560	0.214	93.8	179 201	6 5921
7948	8.3	5 3.61	3.1846	0.0085	9 52 45.8	17.583	0.216	93.7	175 186	10 5851
7949	8.9	5 13.21	3.1368	0.0063	5 42 7.9	17.589	0.213	93.8	171 199	5 5721
7950	9.6	5 19.41	3.1711	0.0079	8 43 50.0	17.594	0.214	93.8	181 182 193	8 5823

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
7951	*8.9	22h 5m 49s.25	+3s.1682	—0s.0078	—8° 30' 28".1	+17".615	+0".214	93.1	78* 176	8° 5825
7952	9.3	5 56.90	3.1680	0.0078	8 30 5.7	17.620	0.213	93.1	78 176	8 5827
7953	8.8	5 57.49	3.1441	0.0067	6 23 9.0	17.620	0.211	93.8	179 194	6 5925
7954	9.2	6 16.78	3.1739	0.0080	9 2 18.4	17.634	0.213	93.7	175 186	9 5930
7955	9.0	6 36.07	3.1353	0.0063	5 38 6.4	17.647	0.210	93.8	171 198	5 5726
7956	8.5	22 6 41.03	+3.1397	—0.0065	—6 1 36.7	+17.651	+0.210	93.8	176 182 194 201	6 5928
7957	8.5	7 4.31	3.1566	0.0073	7 33 29.4	17.667	0.210	93.4	85 166 180 187	7 5725
7958	*7.0	7 18.99	3.1671	0.0078	8 30 24.3	17.677	0.211	93.2 96.3	78 178* 433δ	8 5830
7959	7.8	7 27.29	3.1497	0.0070	6 57 49.2	17.683	0.209	93.7	88 166 187 283	7 5727
7960	9.2	7 55.58	3.1793	0.0083	9 37 39.6	17.702	0.211	93.7	175 186	9 5934
7961	9.3	22 8 10.12	+3.1689	—0.0078	—8 43 24.9	+17.712	+0.209	93.8	178 193	8 5833
7962	8.7	8 17.08	3.1593	0.0073	7 51 58.9	17.717	0.208	93.8	181 193	8 5834
7963	9.0	8 27.55	3.1640	0.0076	8 18 16.2	17.724	0.208	93.8	181 182 201	8 5835
7964	8.8	8 29.95	3.1402	0.0065	6 9 24.3	17.725	0.207	94.1	171 194 278	6 5936
7965	*7.8	8 59.93	3.1408	0.0065	6 14 31.8	17.746	0.206	93.7	171* 194	6 5938
7966	8.8	22 9 5.75	+3.1387	—0.0064	—6 3 16.0	+17.750	+0.206	94.1	176 198 278	6 5940
7967	9.1	9 14.52	3.1465	0.0068	6 46 19.7	17.756	0.205	93.8	179 182 201	6 5942
7968	*7.7	9 27.39	3.1477	0.0068	6 53 46.9	17.764	0.205	93.7	88 166* 283	7 5732
7969	8.2	9 32.77	3.1420	0.0066	6 22 46.0	17.768	0.205	93.7	171 194	6 5944
7970	7.6	9 39.13	3.1512	0.0070	7 13 55.8	17.772	0.205	93.1	88 166	7 5733
7971	8.8	22 9 42.41	+3.1760	—0.0082	—9 28 14.7	+17.775	+0.207	94.2	175 280	9 5942
7972	9.0	9 53.56	3.1656	0.0077	8 32 56.8	17.782	0.206	93.7	78 181 284	8 5840
7973	8.1	9 58.68	3.1385	0.0064	6 4 54.2	17.786	0.204	93.8	176 198	6 5947
7974	8.9	10 10.89	3.1542	0.0072	7 31 30.9	17.794	0.205	93.8	180 187	7 5735
7975	8.6	10 17.50	3.1691	0.0078	8 53 40.0	17.798	0.205	93.7	175 186	9 5943
7976	9.0	22 10 26.28	+3.1391	—0.0065	—6 9 40.6	+17.804	+0.203	93.8	179 198	6 5950
7977	*8.5	10 45.32	3.1571	0.0073	7 49 55.5	17.817	0.204	93.8	178* 193	8 5843
7978	8.7	10 50.79	3.1543	0.0072	7 34 43.6	17.820	0.203	93.8	180 187	7 5737
7979	8.9	10 59.41	3.1609	0.0075	8 11 26.0	17.826	0.203	94.2	181 280	8 5844
7980	8.6	11 32.92	3.1545	0.0072	7 38 50.2	17.849	0.202	93.8	180 187	7 5739
7981	**4.3**	**22 11 33.42**	**+3.1614**	**—0.0076**	**—8 16 52.7**	**+17.849**	**+0.205**		**Fund. Cat.**	**8 5845**
7982	6.1	11 35.82	3.1750	0.0082	9 32 19.1	17.850	0.204	94.3	186 283	9 5948
7983	6.3	11 53.25	3.1354	0.0062	5 53 11.8	17.862	0.200	93.8	179 198	6 5960
7984	8.9	12 33.85	3.1585	0.0073	8 5 5.6	17.889	0.200	93.7	78 178 201 283	8 5847
7985	8.4	13 1.21	3.1396	0.0065	6 20 32.4	17.907	0.198	93.8	179 198	6 5964
7986	8.9	22 13 12.43	+3.1480	—0.0069	—7 8 12.3	+17.914	+0.198	93.4	88 166 180 187	7 5743
7987	8.9	13 20.06	3.1326	0.0061	5 42 6.9	17.919	0.198	93.7	171 194	5 5753
7988	9.1	13 32.29	3.1752	0.0082	9 42 53.7	17.927	0.200	93.7	175 186	9 5953
7989	9.0	13 50.98	3.1547	0.0072	7 48 37.1	17.939	0.198	93.8	181 193	8 5850
7990	8.7	13 53.18	3.1598	0.0074	8 17 55.6	17.941	0.198	93.8	178 193	8 5851
7991	8.5	22 14 9.88	+3.1672	—0.0078	—9 0 24.2	+17.952	+0.198	93.8	182 201	9 5958
7992	8.8	14 28.69	3.1582	0.0074	8 11 1.0	17.964	0.198	94.2	181 280	8 5854
7993	[6.2]	14 56.20	3.1593	0.0075	8 19 24.3	17.982	0.196	93.8	181 193	8 5856
7994	9.3	15 16.77	3.1720	0.0080	9 33 1.9	17.995	0.197	93.7	175 186	9 5962
7995	9.0	15 18.74	3.1518	0.0070	7 38 21.2	17.996	0.195	93.1	88 166	7 5751
7996	7.8	22 15 34.74	+3.1687	—0.0079	—9 16 4.4	+18.006	+0.195	93.8	182 198	9 5963
7997	9.0	15 47.01	3.1497	0.0069	7 28 4.3	18.014	0.194	93.8	180 187	7 5753
7998	9.2	15 53.82	3.1305	0.0060	5 37 7.0	18.019	0.193	93.8	179 194	5 5768
7999	9.3	15 55.59	3.1570	0.0073	8 10 24.3	18.020	0.194	94.2	178 280	8 5857
8000	8.9	15 58.26	3.1441	0.0067	6 56 23.9	18.022	0.193	93.8	180 201	7 5755

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
8001	9.2	22h 16m 4s.99	+3s.1409	−0s.0065	−6° 38′ 25″.0	+18″.026	+0″.193	93.8	179 201	6° 5971
8002	*7.9	16 9.78	3.1419	0.0066	6 44 46.4	18.029	0.193	93.8	182 194*	6 5972
8003	7.9	16 26.67	3.1559	0.0073	8 6 42.3	18.040	0.193	93.8 96.7	178 193 433δ	8 5858
8004	*7.5	16 32.55	3.1411	0.0065	6 41 5.8	18.043	0.192	93.8	179 194*	6 5974
8005	9.3	16 44.68	3.1675	0.0079	9 15 10.7	18.051	0.193	93.7	175 186	9 5966
8006	8.5	22 16 51.23	+3.1448	−0.0067	−7 4 23.0	+18.055	+0.192	93.2	88 180	7 5760
8007	9.3	17 0.37	3.1540	0.0072	7 58 14.3	18.061	0.192	93.8	181 198	8 5861
8008	9.2	17 14.60	3.1537	0.0072	7 57 41.4	18.070	0.191	93.8	181 198	8 5862
8009	6.6	18 17.45	3.1503	0.0071	7 42 1.5	18.110	0.189	93.4	88 180 182	7 5765
8010	8.8	19 7.77	3.1398	0.0065	6 43 1.8	18.141	0.188	93.8	179 194	6 5984
8011	8.6	22 19 12.80	+3.1380	−0.0064	−6 32 20.2	+18.144	+0.187	93.8	171 201	6 5985
8012	9.2	19 17.47	3.1589	0.0074	8 36 46.8	18.147	0.188	93.8 96.7	178 201 433δ	8 5865
8013	8.6	19 26.44	3.1722	0.0082	9 56 7.2	18.153	0.189	93.7	175 186	10 5908
8014	9.0	19 29.27	3.1297	0.0059	5 44 3.4	18.154	0.186	93.8	179 194	5 5784
8015	9.1	19 46.35	3.1410	0.0065	6 52 42.1	18.165	0.186	93.2	88 180	7 5773
8016	9.0	22 20 10.38	+3.1414	−0.0066	−6 56 40.5	+18.180	+0.186	93.8	180 182 198	7 5776
8017	8.8	20 37.27	3.1664	0.0079	9 28 4.6	18.196	0.186	93.7	175 186	9 5976
8018	7.9	20 54.03	3.1285	0.0059	5 41 9.3	18.207	0.183	93.7	171 194	5 5790
8019	9.1	21 4.76	3.1285	0.0059	5 41 28.2	18.213	0.183	93.7	171 194	5 5791
8020	7.0	21 19.56	3.1500	0.0070	7 53 8.0[1]	18.222	0.183	96.5 00.1	5 Beob.[2]	8 5873
8021	8.7	22 21 31.27	+3.1611	−0.0076	−9 1 11.7	+18.229	+0.184	93.8	175 198	9 5978
8022	9.3	22 1.71	3.1482	0.0069	7 45 6.0	18.248	0.182	93.4	88 180 187	7 5784
8023	8.9	22 8.45	3.1362	0.0063	6 32 15.8	18.252	0.182	93.8	179 201	6 5995
8024	9.1	22 9.51	3.1475	0.0068	7 41 32.9	18.252	0.182	93.2	88 180	7 5786
8025	9.0	22 25.45	3.1576	0.0074	8 44 33.0	18.262	0.182	93.8	181 182 193	8 5875
8026	9.0	22 22 38.05	+3.1628	−0.0077	−9 16 48.7	+18.269	+0.182	93.7	175 186	9 5982
8027	8.2	22 38.36	3.1347	0.0062	6 24 55.9	18.270	0.180	93.7	171 194	6 5996
8028	8.5	22 46.43	3.1349	0.0062	6 26 54.9	18.275	0.180	93.7	171 194	6 5997
8029	9.0	23 39.96	3.1268	0.0058	5 39 51.1	18.307	0.178	94.2	179 281	5 5800
8030	9.3	24 10.50	3.1475	0.0069	7 50 38.6	18.325	0.178	94.2	181 280	8 5881
8031	8.8	22 24 11.00	+3.1448	−0.0068	−7 33 52.4	+18.325	+0.178	93.8	180 187	7 5792
8032	9.4	24 12.21	3.1475	0.0069	7 50 24.0	18.326	0.178	94.2	181 280	8 5882
8033	9.1	24 33.12	3.1635	0.0078	9 31 45.7	18.338	0.179	93.7	182 186	9 5987
8034	8.6	24 40.92	3.1576	0.0075	8 55 49.4	18.343	0.178	94.2	182 280	9 5988
8035	9.1	24 47.12	3.1477	0.0070	7 54 44.3	18.346	0.177	93.8	185 193	8 5885
8036	9.1	22 24 48.18	+3.1257	−0.0057	−5 36 29.7	+18.347	+0.176	93.7	171 179 194	5 5804
8037	8.8	25 17.04	3.1542	0.0072	8 37 29.9	18.364	0.177	94.1	178 198 284	8 5888I
8038	8.0	25 17.32	3.1542	0.0072	8 37 37.3	18.364	0.177	94.1	178 198 284	8 5888II
8039	9.3	25 17.55	3.1504	0.0070	8 13 58.5	18.364	0.176	93.8	181 201	8 5889
8040	*6.9	26 3.58	3.1388	0.0064	7 3 55.6	18.391	0.174	93.8	180* 187	7 5797
8041	9.1	22 27 10.96	+3.1542	−0.0073	−8 47 46.1	+18.430	+0.173	93.7	175 186	9 5996
8042	7.3	27 18.53	3.1371	0.0064	6 58 57.5	18.434	0.172	93.8	180 187	7 5805
8043	8.4	27 24.34	3.1251	0.0056	5 41 15.2	18.438	0.171	93.8	179 194	5 5810
8044	9.3	27 41.74	3.1632	0.0079	9 47 14.6	18.448	0.173	93.7	182 186	10 5943
8045	8.8	27 49.78	3.1433	0.0067	7 41 16.9	18.452	0.171	93.8	180 187	7 5807
8046	9.2	22 27 52.54	+3.1624	−0.0078	−9 43 38.2	+18.454	+0.173	93.8	175 186 201	9 6000
8047	8.8	28 3.68	3.1607	0.0077	9 34 37.5	18.460	0.173	93.8	182 193	9 6001
8048	9.2	28 9.21	3.1352	0.0063	6 50 6.0	18.463	0.171	93.2	88 185	7 5809
8049	*8.5	29 4.86	3.1621	0.0078	9 49 16.5	18.495	0.171	93.7	175* 186	10 5948
8050	9.3	29 8.23	3.1369	0.0063	7 5 33.9	18.497	0.169	94.3	187 284	7 5811

[1] [4″.9] 8″.9 8″.3 8″.3 6″.5 [2] ZZ. 178 193 404δ 405 432δ

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
8051	9.4	22h 29m 17s.69	+3s.1604	—0s.0077	—9° 39′ 13″.3	+18″.502	+0″.170	93.8	182 198	9° 6007
8052	9.0	29 26.73	3.1553	0.0074	9 7 34.2	18.507	0.169	93.8	185 193	9 6009
8053	9.0	29 27.86	3.1288	0.0058	6 13 21.5	18.508	0.167	93.8	179 194	6 6021
8054	9.1	29 32.26	3.1381	0.0064	7 14 53.3	18.510	0.168	94.2	180 281	7 5814
8055	9.2	29 43.91	3.1609	0.0078	9 45 28.9	18.517	0.170	93.8	182 201	9 6011
8056	9.0	22 29 56.76	+3.1529	—0.0073	—8 54 57.5	+18.524	+0.168	94.2	175 280	9 6012
8057	8.9	30 32.06	3.1376	0.0064	7 16 9.2	18.544	0.166	93.8	180 187	7 5817
8058	*8.0	30 38.05	3.1429	0.0067	7 51 23.7	18.547	0.166	93.8	178* 193	8 5902
8059	9.3	30 43.24	3.1566	0.0075	9 22 53.3	18.550	0.167	93.8	185 186	9 6013
8060	8.5	30 48.59	3.1403	0.0066	7 35 35.2	18.553	0.165	94.2	185 281	7 5818
8061	*7.0	22 31 2.36	+3.1455	—0.0069	—8 10 57.3	+18.560	+0.165	93.8	181* 193	8 5905
8062	8.4	31 5.98	3.1229	0.0055	5 40 17.6	18.562	0.164	93.8	179 194	5 5820
8063	9.1	31 28.08	3.1567	0.0075	9 27 59.6	18.574	0.165	94.2	182 280	9 6015
8064	9.0	31 31.32	3.1607	0.0078	9 54 42.4	18.576	0.166	93.8	175 201	10 5953
8065	*9.2	31 33.63[1]	3.1532	0.0073	9 5 29.7	18.577	0.165	97.0 94.2	174 280 432*a	9 6016
8066	8.7	22 31 40.02	+3.1341	—0.0062	—6 58 15.7	+18.581	+0.164	93.8	180 187	7 5820
8067	8.9	31 40.06	3.1605	0.0077	9 54 27.3	18.581	0.166	93.8	175 201	10 5954
8068	7.6	31 45.50	3.1440	0.0067	8 4 48.0	18.584	0.164	93.8	178 193	8 5907
8069	9.1	31 59.36	3.1245	0.0055	5 53 45.4	18.592	0.162	94.2	179 281	6 6033
8070	7.6	32 5.33	3.1305	0.0060	6 35 7.1	18.595	0.163	93.8	179 194	6 6034
8071	8.9	22 32 9.35	+3.1522	—0.0072	—9 2 20.7	+18.597	+0.164	93.8	174 198	9 6017
8072	9.1	32 41.36	3.1302	0.0060	6 35 34.0	18.614	0.162	93.8	179 185 194	6 6036
8073	9.1	32 42.89	3.1597	0.0078	9 55 25.2	18.615	0.164	93.8	182 186	10 5958
8074	6.4	33 7.32	3.1459	0.0069	8 25 2.3	18.628	0.161	93.8	178 181 193	8 5912
8075	9.1	33 23.26	3.1281	0.0058	6 24 3.2	18.637	0.160	93.8	182 194	6 6038
8076	8.9	22 33 42.77	+3.1524	—0.0073	—9 12 15.1	+18.648	+0.161	93.8	175 201	9 6021
8077	8.0	34 16.30	3.1424	0.0067	8 7 29.7	18.665	0.159	93.8	178 181 193	8 5918
8078	8.9	34 22.88	3.1369	0.0064	7 30 0.2	18.669	0.159	93.8	180 187	7 5825
8079	7.3	34 51.37	3.1572	0.0076	9 52 54.8	18.684	0.159	93.7	174 186	10 5966
8080	7.5	34 59.55	3.1327	0.0061	7 3 17.1	18.688	0.158	93.8	180 185 187	7 5827
8081	8.9	22 35 3.28	+3.1350	—0.0063	—7 19 21.9	+18.690	+0.157	93.8	180 185 198	7 5828
8082	9.2	35 19.02	3.1265	0.0057	6 21 15.9	18.699	0.156	93.8	179 194	6 6046
8083	8.9	35 53.35	3.1260	0.0057	6 20 5.2	18.717	0.155	93.8	179 194	6 6049
8084	9.1	36 4.99	3.1295	0.0060	6 46 3.1	18.723	0.155	93.8	180 187	7 5830
8085	8.9	36 9.46	3.1434	0.0068	8 24 35.3	18.725	0.155	93.8	178 181 193	8 5924
8086	8.9	22 36 12.09	+3.1245	—0.0055	—6 10 39.1	+18.727	+0.154	93.8	182 201	6 6051
8087	8.6	36 15.57	3.1287	0.0058	6 41 5.0	18.728	0.155	93.8	182 198	6 6052
8088	9.2	36 53.52	3.1198	0.0052	5 40 6.8	18.748	0.153	93.8	179 201	5 5842
8089	6.8	36 53.81	3.1194	0.0052	5 37 25.1	18.748	0.153	93.8	179 198	5 5843
8090	8.9	36 57.24	3.1474	0.0071	8 57 58.9	18.750	0.154	93.7	174 186	9 6035
8091	8.8	22 37 8.81	+3.1341	—0.0062	—7 23 41.8	+18.756	+0.153	93.8	180 187	7 5833
8092	9.3	37 29.80	3.1225	0.0054	6 1 49.4	18.767	0.152	94.8	281 284	6 6058
8093	9.1	37 41.54	3.1189	0.0052	5 36 26.2	18.773	0.151	93.8	182 194	5 5846
8094	9.1	37 41.75	3.1282	0.0058	6 44 15.1	18.773	0.152	94.8	198 337	6 6060
8095	8.5	37 44.93	3.1528	0.0075	9 40 37.4	18.774	0.154	93.7	174 193	9 6037
8096	9.4	22 37 45.88	+3.1441	—0.0069	—8 38 54.3	+18.775	+0.152	94.1	178 181 280	8 5926
8097[2]	...	37 48.98	3.1457	0.0070	8 50 5.5	18.777	0.152	93.7	175 186	9 6038
8098	8.0	37 59.34	3.1363	0.0064	7 44 20.0	18.782	0.152	93.8	185 187	7 5837
8099	6.9	38 0.93	3.1343	0.0062	7 29 11.2	18.783	0.152	94.2	185 281	7 5838
8100	*8.1	38 9.70	3.1294	0.0059	6 54 58.4	18.787	0.151	93.8	180* 201	7 5839

[1] 33s.52 33s.74 33s.62 [2] Dpl. med. (7m.9 8m.8)

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
8101	*8.5	$22^h\ 38^m\ 12^s.34$	$+3^s.1462$	$-0^s.0071$	$-8°\ 56'\ 31''.5$	$+18''.788$	$+0''.152$	93.7	175 186*	9° 6039
8102	8.9	38 29.58	3.1194	0.0053	5 43 47.3	18.797	0.150	93.8	179 194	5 5848
8103	9.0	38 35.65	3.1292	0.0060	6 55 43.6	18.800	0.151	93.8	180 201	7 5842
8104	9.1	38 43.14	3.1461	0.0071	8 58 58.5	18.804	0.151	93.8	182 186	9 6041
8105	9.0	38 58.89	3.1505	0.0073	9 32 50.4	18.812	0.151	93.8	174 198	9 6043
8106	9.0	22 39 0.76	+3.1508	−0.0073	−9 35 18.2	+18.813	+0.151	93.8	174 203	9 6044
8107	9.4	39 14.41	3.1461	0.0070	9 1 52.2	18.820	0.150	94.2	182 280	9 6045
8108	*8.1	39 22.16	3.1386	0.0065	8 8 32.0	18.824	0.149	96.5	178 193 405*	8 5932
8109	9.3	39 23.97	3.1404	0.0066	8 21 29.6	18.825	0.149	94.2	181 280	8 5933
8110	8.4	39 40.86	3.1325	0.0061	7 25 41.5	18.833	0.149	93.8	180 187	7 5847
8111	8.6	22 39 52.67	+3.1378	−0.0065	−8 5 28.0	+18.839	+0.148	93.8 96.5	178 193 404δ	8 5935
8112	9.2	40 38.08	3.1428	0.0069	8 46 38.6	18.862	0.147	94.1	174 185 280	9 6051
8113	8.4	41 6.43	3.1435	0.0069	8 54 56.2	18.876	0.146	93.7	174 185 186	9 6054
8114	9.0	41 10.48	3.1389	0.0066	8 20 41.5	18.878	0.146	94.1	181 193 284	8 5942
8115	9.0	41 37.16	3.1235	0.0055	6 27 38.1	18.891	0.144	93.8	179 194	6 6068
8116	9.0	22 41 51.23	+3.1410	−0.0067	−8 41 37.0	+18.898	+0.144	93.8	181 198	8 5945
8117	8.2	42 9.27	3.1294	0.0059	7 15 27.6	18.906	0.144	94.1	180 187 281	7 5858
8118	8.9	42 13.07	3.1349	0.0063	7 57 44.3	18.908	0.144	93.8	178 198	8 5947
8119	9.3	42 22.66	3.1421	0.0068	8 52 41.0	18.913	0.143	93.7	174 186	9 6057
8120	9.1	42 44.36	3.1350	0.0064	8 0 55.9	18.923	0.143	93.8	181 198	8 5950
8121	9.1	22 42 49.90	+3.1419	−0.0068	−8 53 45.5	+18.926	+0.143	93.7	174 175 186	9 6059
8122	9.2	42 51.79	3.1275	0.0058	7 4 41.6	18.927	0.142	94.5	180 187 281 337	7 5861
8123	8.7	43 5.90	3.1212	0.0054	6 17 43.0	18.934	0.141	93.8	179 194	6 6074
8124	*7.6	43 8.85	3.1396	0.0067	8 38 25.1	18.935	0.142	96.5	178 193 405*	8 5952
8125	8.7	43 16.35	3.1175	0.0051	5 49 5.2	18.939	0.141	93.8	182 201	6 6075
8126	8.9	22 43 22.28	+3.1198	−0.0053	−6 7 18.8	+18.942	+0.141	93.8	179 194	6 6076
8127	9.5	43 28.42	3.1342	0.0063	7 59 10.4	18.945	0.141	94.2	181 280	8 5954
8128[1]	9.3	43 40.91	3.1457	0.0071	9 28 14.4	18.951	0.141	93.8	185 203	9 6063
8129	9.2	43 41.31	3.1451	0.0071	9 23 35.8	18.951	0.141	94.2	185 280	9 6064
8130	9.0	43 57.23	3.1265	0.0057	7 2 24.3	18.958	0.140	93.8	180 187	7 5866
8131	9.0	22 43 57.36	+3.1354	−0.0063	−8 11 21.9	+18.958	+0.140	93.8	185 193	8 5959
8132	9.2	44 52.16	3.1187	0.0052	6 5 43.1	18.984	0.138	93.8	179 194	6 6078
8133	8.1	45 1.05	3.1330	0.0062	7 59 20.6	18.988	0.138	94.1	178 198 284	8 5961
8134	8.7	45 3.08	3.1189	0.0052	6 7 57.2	18.989	0.137	93.8	179 194	6 6079
8135	7.8	45 18.98	3.1286	0.0059	7 26 24.6	18.997	0.138	93.8	185 187	7 5873
8136	9.4	22 45 26.28	+3.1364	−0.0065	−8 29 19.4	+19.000	+0.138	93.8	181 201	8 5963
8137	*7.2	45 33.64	3.1315	0.0061	7 50 28.5	19.004	0.137	93.7	178* 190	8 5964
8138	8.9	45 34.33	3.1289	0.0060	7 30 5.1	19.004	0.137	93.8	180 187	7 5877
8139	9.1	45 38.73	3.1286	0.0059	7 28 40.2	19.006	0.137	94.8	180 281 337	7 5878
8140	8.5	45 57.97	3.1464	0.0072	9 51 17.6	19.015	0.138	93.8	175 201	10 6002
8141	9.0	22 46 1.80	+3.1386	−0.0067	−8 49 52.4	+19.017	+0.137	93.7	174 186	9 6073
8142	9.3	46 5.39	3.1412	0.0069	9 11 11.5	19.018	0.136	93.8	182 203	9 6074
8143	9.1	46 8.08	3.1306	0.0061	7 47 4.4	19.020	0.136	94.2	185 280	8 5966
8144	9.2	46 32.11	3.1401	0.0067	9 5 19.3	19.031	0.136	93.7	175 186	9 6075
8145	9.0	47 14.62	3.1274	0.0058	7 28 42.6	19.050	0.134	93.8	180 187	7 5882
8146	**4.0**	**22 47 23.84**	**+3.1321**	**−0.0063**	**−8 6 42.4**	**+19.054**	**+0.137**		**Fund. Cat.**	**8 5968**
8147	9.1	47 47.48	3.1359	0.0065	8 40 13.9	19.065	0.133	94.2	181 280	8 5972
8148	9.1	48 0.31	3.1151	0.0049	5 51 54.9[2]	19.071	0.132	93.8 96.7	179 194 432δ	6 6085
8149	9.1	48 9.44	3.1426	0.0070	9 37 29.8	19.075	0.134	93.8	182 186	9 6077
8150	9.0	48 14.00	3.1151	0.0049	5 52 35.0	19.077	0.131	93.8	179 194	6 6086

[1] Z. 185: $9^m.5$ nahe [2] $53''.0$ $55''.8$ $55''.9$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
8151	7.3	22h 48m 16s.29	+3s.1197	−0s.0053	−6° 31′ 5″.8	+19″.078	+0″.132	94.2	185 281	6° 6087
8152	8.4	48 26.15	3.1205	0.0054	6 38 26.2	19.082	0.132	96.5	185 194 405	6 6088
8153	8.6	48 33.80	3.1297	0.0061	7 55 18.7	19.086	0.132	93.8	181 182 190 193	8 5974
8154	8.9	48 57.10	3.1158	0.0049	6 1 47.8	19.096	0.130	93.8	179 201	6 6090
8155	6.7	49 21.74	3.1278	0.0059	7 44 10.5	19.107	0.130	93.8	180 187	7 5886
8156	9.3	22 49 35.87	+3.1334	−0.0063	−8 32 32.4	+19.113	+0.130	93.8	181 203	8 5976
8157	8.9	49 41.37	3.1432	0.0071	9 54 25.9	19.116	0.131	93.7	174 186	10 6016
8158	8.4	49 56.57	3.1297	0.0060	8 4 19.9	19.122	0.129	93.8	178 193	8 5979
8159	*7.8	50 9.82	3.1165	0.0050	6 13 22.7	19.128	0.128	96.5	179 192 405*	6 6096
8160	8.6	50 19.66	3.1157	0.0050	6 7 6.9	19.133	0.127	93.8	179 194	6 6098
8161	8.6	22 50 33.13	+3.1314	−0.0062	−8 21 16.3	+19.138	+0.128	93.8	178 203	8 5980
8162	8.8	50 41.63	3.1218	0.0055	7 1 22.1	19.142	0.128	94.1	180 187 281	7 5891
8163	9.2	50 47.20	3.1280	0.0060	7 55 5.7	19.145	0.127	94.2	185 280	8 5981
8164	8.4	51 8.50	3.1219	0.0054	7 4 45.0	19.154	0.127	93.8	180 187	7 5892
8165	8.9	51 8.75	3.1127	0.0048	5 46 16.8	19.154	0.126	93.8	182 201	6 6100
8166	8.9	22 51 52.37	+3.1232	−0.0056	−7 20 59.6	+19.173	+0.125	93.8	180 187	7 5895
8167	9.6	52 26.97	3.1314	0.0063	8 36 4.4	19.187	0.124	94.2	185 280	8 5986
8168	8.8	52 31.75	3.1212	0.0055	7 7 8.3	19.189	0.124	94.2	185 281	7 5897
8169	8.9	52 41.26	3.1139	0.0048	6 4 13.0	19.193	0.123	93.8	182 203	6 6108
8170	8.6	52 57.79	3.1147	0.0049	6 13 15.4	19.200	0.122	93.8	182 201	6 6110
8171	8.8	22 53 17.23	+3.1285	−0.0060	−8 16 7.3	+19.208	+0.122	96.5	178 193 405	8 5989
8172	9.2	53 22.03	3.1196	0.0053	6 59 16.1	19.210	0.122	94.1	180 187 281	7 5898
8173	8.9	53 23.01	3.1333	0.0064	8 59 21.7	19.211	0.123	93.7	174 186	9 6093
8174	8.7	53 24.50	3.1144	0.0049	6 12 32.7	19.212	0.122	93.8	182 201	6 6112
8175	8.7	53 46.77	3.1313	0.0062	8 44 56.3	19.221	0.122	93.8	177 190 193	8 5991
8176	9.4	22 54 0.42	+3.1331	−0.0064	−9 1 41.0	+19.226	+0.121	94.1	174 186 280	9 6096
8177	*8.9	54 6.35[1]	3.1334	0.0064	9 5 50.4	19.229	0.121	94.1	174 186* 280	9 6097
8178	8.6	54 17.01	3.1201	0.0054	7 8 31.5	19.233	0.120	93.8	180 185 192	7 5902
8179	8.9	54 28.96	3.1252	0.0058	7 55 49.7	19.238	0.120	93.7	177 193	8 5996
8180	8.8	54 34.56	3.1145	0.0049	6 19 58.8	19.241	0.119	93.8	179 194	6 6116
8181	7.1	22 55 6.56	+3.1346	−0.0065	−9 24 58.5	+19.254	+0.119	93.8	174 203	9 6100
8182	9.2	55 23.62	3.1224	0.0056	7 36 22.3	19.261	0.118	94.5	180 187 337	7 5906
8183	9.1	55 35.13	3.1123	0.0047	6 5 59.2	19.265	0.117	93.8	179 194	6 6120
8184	*8.9	55 51.04	3.1130	0.0048	6 13 57.9	19.272	0.117	93.8	182 194*	6 6121
8185	6.9	56 11.84	3.1217	0.0056	7 35 53.2	19.280	0.117	93.8	180 192	7 5910
8186	8.7	22 56 19.53	+3.1117	−0.0046	−6 4 19.5	+19.283	+0.116	93.8	179 203	6 6125
8187	8.0	56 33.97	3.1208	0.0054	7 29 50.7	19.289	0.116	93.8	185 187	7 5911
8188	8.3	56 42.95	3.1143	0.0049	6 30 9.8	19.292	0.116	93.8	182 203	6 6127
8189	8.7	56 58.80	3.1254	0.0059	8 15 40.3	19.299	0.115	93.7	177 181 190	8 6003
8190	7.0	57 21.06	3.1178	0.0052	7 6 39.4	19.308	0.114	93.8	180 192	7 5913
8191	*8.8	22 57 26.68	+3.1123	−0.0047	−6 16 2.3	+19.310	+0.114	93.8	179 194*	6 6129
8192	9.4	57 33.09	3.1256	0.0059	8 21 42.2	19.312	0.114	94.2	177 280	8 6005
8193	9.2	57 46.91	3.1161	0.0050	6 53 38.9	19.318	0.113	93.8	185 187	7 5918
8194	9.0	57 50.46	3.1128	0.0048	6 22 43.5	19.319	0.113	94.2	182 281	6 6133
8195	9.1	57 58.02	3.1120	0.0047	6 16 44.5	19.322	0.113	93.8	179 194	6 6134
8196	9.1	22 58 41.22	+3.1098	−0.0046	−5 58 56.0	+19.339	+0.111	94.2	182 280	6 6138
8197	8.5	58 42.80	3.1261	0.0060	8 35 48.8	19.339	0.112	93.7	177 181 190	8 6009
8198	8.8	58 59.96	3.1150	0.0049	6 51 12.1	19.346	0.111	93.8	185 192	7 5924
8199	8.5	59 1.84	3.1116	0.0047	6 18 46.1	19.347	0.111	93.8	179 203	6 6139
8200	8.0	59 11.54	3.1172	0.0051	7 13 40.3	19.350	0.111	93.8	185 192	7 5925

[1] 6s.39 6s.21 6s.45

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B. D.
8201	8.6	22^h 59^m $16^s.70$	$+3^s.1139$	$-0^s.0049$	−6° 43′ 4″.6	+19″.352	+0″.110	94.3	203 282	6° 6140
8202	9.1	59 20.88	3.1235	0.0057	8 15 54.9	19.354	0.110	93.8	178 193	8 6012
8203	9.0	59 27.36	3.1096	0.0045	6 2 27.0	19.356	0.110	95.3	281 337	6 6141
8204	*9.1	59 36.42	3.1165	0.0051	7 9 46.3	19.360	0.110	93.8	185* 187	7 5926
8205	8.5	59 36.51	3.1075	0.0043	5 42 6.5	19.360	0.110	95.3	281 337	5 5921
8206	**5.9**	**22 59 56.89**	**+3.1228**	**−0.0057**	**−8 14 0.6**	**+19.368**	**+0.113**		**Fund. Cat.**	**8 6018**
8207	8.9	23 0 1.27	3.1078	0.0044	5 47 13.0	19.369	0.109	93.8	179 203	6 6142
8208	*7.3	0 6.31	3.1231	0.0057	8 17 39.7	19.371	0.109	93.7	178 190*	8 6019
8209	*8.6	0 16.33	3.1193	0.0054	7 42 8.8	19.375	0.108	93.8	185* 192	7 5931
8210	9.2	0 22.86	3.1250	0.0059	8 38 15.2	19.377	0.109	94.2	181 280	8 6020
8211	9.2	23 0 38.30	+3.1296	−0.0064	−9 26 16.4	+19.383	+0.109	94.2	174 280	9 6116
8212	7.2	0 40.30	3.1238	0.0058	8 28 35.0	19.384	0.108	94.2	177 280	8 6021
8213	9.3	0 40.87	3.1227	0.0058	8 18 9.1	19.384	0.108	94.1	181 190 281	8 6022
8214	8.9	1 12.80	3.1166	0.0051	7 21 57.2	19.396	0.107	93.8	180 187	7 5932
8215	8.9	1 13.09	3.1282	0.0062	9 17 15.8	19.396	0.108	94.5	185 186 337	9 6117
8216	8.7	23 1 22.12	+3.1274	−0.0061	−9 10 58.7	+19.399	+0.107	94.1	185 203 282	9 6118
8217	7.6	1 59.73	3.1211	0.0056	8 14 1.5	19.413	0.105	93.7	177 190	8 6025
8218	8.4	2 4.47	3.1277	0.0062	9 21 16.5	19.415	0.106	93.7	174 186	9 6123
8219	8.9	2 36.44	3.1054	0.0042	5 38 7.0	19.427	0.104	93.8	179 194	5 5931
8220	8.5	2 39.87	3.1089	0.0045	6 14 18.9	19.428	0.104	93.8	179 192	6 6147
8221	8.7	23 3 11.38	+3.1176	−0.0053	−7 48 30.2	+19.439	+0.103	93.7	177 178 193	8 6030
8222	8.6	3 14.32	3.1279	0.0062	9 33 2.0	19.440	0.104	93.8	182 203	9 6128
8223	9.0	3 30.59	3.1238	0.0058	8 53 29.0	19.446	0.103	94.2	182 280	9 6130
8224	8.8	3 36.87	3.1263	0.0061	9 20 59.1	19.448	0.103	93.7	174 186	9 6131
8225	8.5	3 51.00	3.1062	0.0042	5 53 1.1	19.453	0.102	93.8	179 192	6 6152
8226[1]	8.6	23 4 0.22	+3.1173	−0.0053	−7 51 17.4	+19.456	+0.101	93.7	177 181 193	8 6034
8227	9.0	4 5.57	3.1281	0.0063	9 43 44.0	19.458	0.102	93.8	182 203	9 6133
8228[2]	...	4 16.46	3.1258	0.0061	9 22 5.8	19.462	0.101	93.7	174 186	9 6134
8229	8.6	4 37.50	3.1156	0.0052	7 37 57.8	19.470	0.100	93.8	180 187	7 5943
8230[3]	9.1	4 54.93	3.1209	0.0057	8 36 40.8	19.476	0.100	94.2	177 280	8 6037
8231	9.0	23 4 55.15	+3.1214	−0.0057	−8 41 51.1	+19.476	+0.100	93.8	178 185 190	8 6038
8232	7.1	5 12.03	3.1192	0.0055	8 21 1.9	19.482	0.099	93.8	178 193	8 6040
8233	7.2	5 28.90	3.1086	0.0045	6 30 10.9	19.487	0.099	94.1	179 192 282	6 6157
8234	8.9	5 41.08	3.1234	0.0059	9 9 56.6	19.492	0.099	93.8	182 203	9 6138
8235	9.3	5 41.35	3.1179	0.0054	8 10 57.4	19 492	0.098	94.1	177 181 280	8 6043
8236	9.1	23 5 57.74	+3.1263	−0.0062	−9 44 56.5	+19.497	+0.098	94.1	174 185 281	9 6139
8237	8.6	6 6.89	3.1035	0.0040	5 38 30.7	19.500	0.097	93.8	179 192	5 5945
8238	8.6	6 42.72	3.1246	0.0061	9 33 45.4	19.512	0.097	93.8	182 203	9 6142
8239	8.9	7 16.20	3.1200	0.0056	8 49 25.2	19.524	0.095	93.7	174 186	9 6145
8240	9.0	7 42.62	3.1125	0.0049	7 29 44.1	19.532	0.094	93.8	180 187	7 5957
8241	8.4	23 8 10.86	+3.1177	−0.0055	−8 32 14.7	+19.542	+0.094	93.7	177 178 190	8 6054
8242	9.2	8 13.63	3.1063	0.0043	6 23 44.1	19.543	0.093	94.1	179 189 282	6 6167
8243	*8.0	8 15.60	3.1225	0.0060	9 27 9.2	19.543	0.093	93.8	182 186*	9 6146
8244	9.0	8 19.67	3.1088	0.0045	6 52 10.5	19.545	0.093	93.8	180 187	7 5959
8245	*8.9	8 30.67	3.1216	0.0059	9 20 14.6	19.548	0.093	93.8	182* 193	9 6147
8246	9.2	23 8 32.50	+3.1084	−0.0045	−6 50 35.9	+19.549	+0.093	93.8	180 187	7 5960
8247	*8.5	8 51.53	3.1220	0.0060	9 28 4.1	19.555	0.092	93.7	174 186*	9 6149
8248	*8.3	8 51.59	3.1221	0.0060	9 28 29.6	19.555	0.092	93.7	174 186*	9 6150
8249	8.5	8 55.95	3.1191	0.0057	8 55 47.9	19.556	0.092	93.8	185 203	9 6151
8250	8.7	8 59.52	3.1220	0.0060	9 28 57.0	19.557	0.092	93.7	174 193	9 6152

[1] Z. 277: Dpl. maj., com. $9^m.5$ [2] Dpl. med. ($9^m.2$ $9^m.2$) [3] Dpl. maj., Z. 177: com. $9^m.4$

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
8251	9.0	23h 9m 3s.39	+3s.1109	−0s.0047	−7° 22′ 12″.8	+19″.559	+0″.092	94.1	185 192 281	7° 5963
8252	9.1	9 6.57	3.1153	0.0052	8 13 30.0	19.560	0.092	94.0	177 178 190 280	8 6059
8253	5.4	9 8.58	3.1067	0.0043	6 35 16.6	19.560	0.092	93.8	179 189	6 6170
8254	8.8	9 24.63	3.1069	0.0043	6 39 41.2	19.565	0.091	93.8	179 189	6 6171
8255	7.7	9 38.41	3.1149	0.0052	8 14 50.4	19.570	0.091	93.7	177 181 190	8 6065
8256	*9.2	23 9 43.64	+3.1029	−0.0040	−5 55 3.4	+19.572	+0.091	94.1	185* 192 282	6 6173
8257	8.0	10 2.49	3.1065	0.0043	6 40 1.6	19.578	0.090	93.8	179 189	6 6174
8258	8.9	10 30.73	3.1041	0.0041	6 14 30.7	19.586	0.089	94.3	192 282	6 6177
8259	9.3	10 36.51	3.1212	0.0060	9 37 25.4	19.588	0.089	93.8	182 186	9 6155
8260	4.8	10 38.98	3.1211	0.0060	9 37 57.7	19.589	0.089	93.8	182 186	9 6156
8261	8.7	23 10 45.96	+3.1099	−0.0048	−7 25 57.8	+19.591	+0.088	93.8	180 187	7 5973
8262	*8.8	11 15.89	3.1160	0.0054	8 42 11.9	19.600	0.087	93.8	177* 203	8 6073
8263	8.7	11 27.93	3.1100	0.0047	7 33 54.5	19.604	0.087	93.8	180 187	7 5974
8264	8.8	11 28.27	3.1048	0.0042	6 31 10.5	19.604	0.087	93.8	179 192	6 6178
8265	9.4	11 32.87	3.1159	0.0054	8 44 38.1	19.606	0.087	94.2	177 280	8 6074
8266	9.0	23 11 34.79	+3.1127	−0.0051	−8 8 0.8	+19.606	+0.087	93.7	178 190	8 6075
8267	5.3	11 39.95	3.1134	0.0051	8 16 19.7	19.608	0.087	93.8	178 193	8 6076
8268	8.6	11 40.79	3.1152	0.0053	8 37 28.1	19.608	0.087	93.8	181 193 203	8 6077
8269	7.1	11 47.36	3.1105	0.0048	7 42 28.9	19.610	0.086	94.2	180 281	7 5975
8270	9.0	12 25.22	3.1138	0.0052	8 28 45.6	19.621	0.085	94.2	181 280	8 6081
8271	8.9	23 12 33.08	+3.1157	−0.0054	−8 53 47.1	+19.624	+0.085	94.2	174 281	9 6159
8272	8.8	12 35.83	3.1020	0.0040	6 6 45.5	19.625	0.085	93.8	185 192	6 6184
8273	*8.3	12 36.46	3.1117	0.0050	8 5 19.9	19.625	0.085	94.2	181 280*	8 6082
8274	[5.5]	12 42.36	3.1197	0.0059	9 43 42.4	19.627	0.085	93.7	174 186	9 6160
8275	8.7	12 45.67	3.1017	0.0039	6 3 47.4	19.628	0.084	94.4	179 281 282	6 6185
8276	8.5	23 12 53.06	+3.1104	−0.0049	−7 51 6.6	+19.630	+0.084	93.7	178 190	8 6083
8277	8.8	12 59.07	3.1106	0.0050	7 55 30.7	19.632	0.084	94.2	178 280	8 6084
8278	7.8	13 11.43	3.1107	0.0049	7 58 59.3	19.635	0.084	93.7	177 193	8 6085
8279	9.0	13 12.72	3.1009	0.0038	5 56 39.6	19.636	0.084	93.8	179 192	6 6186
8280	8.7	13 34.09	3.1018	0.0039	6 10 30.6	19.642	0.083	94.1	185 203 282	6 6187
8281	8.8	23 13 40.96	+3.0993	−0.0036	−5 38 49.2	+19.644	+0.083	93.8	185 189	5 5965
8282	8.9	13 49.40	3.1067	0.0045	7 15 48.4	19.646	0.082	93.8	182, 187	7 5982
8283	9.4	13 49.88	3.1180	0.0058	9 36 23.4	19.647	0.082	93.7	174 186	9 6164
8284	6.1	14 12.81	3.0991	0.0036	5 40 15.5	19.653	0.082	93.8	179 189	5 5966
8285	9.3	15 24.16	3.1141	0.0054	9 5 51.2	19.674	0.079	93.7	174 193	9 6170
8286	8.4	23 15 27.46	+3.1158	−0.0056	−9 28 2.8	+19.675	+0.079	94.2	182 280	9 6171
8287	8.6	15 28.06	3.1044	0.0043	6 59 55.4	19.675	0.079	93.8	180 187	7 5989
8288	*6.5	15 31.60	3.1019	0.0039	6 27 14.0	19.676	0.079	93.8	179* 189	6 6191
8289	8.4	15 32.83	3.1051	0.0043	7 10 17.5	19.676	0.079	93.8	180 187	7 5990
8290	9.3	15 50.79	3.1134	0.0053	9 2 39.7	19.681	0.078	93.7	174 193	9 6172
8291[1]	7.7	23 16 0.47	+3.1141	−0.0054	−9 13 19.5	+19.684	+0.078	94.2	181 280	9 6173
8292	8.2	16 4.32	3.1065	0.0045	7 34 14.6	19.685	0.078	93.8	182 192	7 5993
8293	7.7	16 5.11	3.1028	0.0041	6 44 25.0	19.685	0.078	93.8	185 203	6 6193
8294	8.7	16 13.28	3.1016	0.0040	6 30 6.5	19.687	0.078	94.1	179 189 282	6 6194
8295	8.9	16 30.04	3.1110	0.0051	8 38 14.7	19.692	0.077	93.7	177 190	8 6095
8296	8.7	23 16 43.35	+3.1037	−0.0042	−7 1 53.6	+19.696	+0.077	94.1	180 192 281	7 5994
8297	9.1	17 4.85	3.1103	0.0050	8 36 12.7	19.701	0.076	94.0	177 185 190 280	8 6096
8298	9.1	17 15.38	3.1054	0.0044	7 31 5.9	19.704	0.075	93.8	182 187	7 5997
8299	8.6	17 15.53	3.1047	0.0043	7 20 49.7	19.704	0.075	93.8	182 192	7 5998
8300	9.0	17 19.68	3.1065	0.0046	7 47 13.4	19.706	0.075	93.8	177 203	8 6097

[1] Z. 181: Dpl.? med.

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
8301	8.5	23h 17m 51s.06	+3s.1033	−0s.0042	−7° 8′ 37″.8	+19″.714	+0″.074	94.1	180 192 281	7° 6001
8302	8.9	18 14.09	3.1130	0.0055	9 25 53.1	19.720	0.074	93.7	174 186	9 6181
8303[1]	...	18 34.27	3.1108	0.0052	9 0 32.1	19.725	0.073	93.7	174 181* 186	9 6183
8304	7.9	18 54.82	3.1066	0.0047	8 5 59.1	19.731	0.072	93.8	177 190 203	8 6103
8305	9.1	19 1.19	3.0989	0.0036	6 17 30.9	19.732	0.072	94.1	179 189 282	6 6201
8306	9.0	23 19 14.76	+3.1091	−0.0050	−8 44 4.4	+19.736	+0.072	93.7	177 193	8 6106
8307	8.8	19 16.82	3.1038	0.0043	7 30 40.7	19.736	0.071	94.1	180 187 281	7 6004
8308	9.1	19 16.92	3.0965	0.0033	5 44 53.8	19.736	0.071	93.8	179 189	5 5983
8309	9.3	19 27.73	3.1119	0.0054	9 26 48.5	19.739	0.071	94.5	182 193 337	9 6184
8310	8.9	19 38.56	3.0957	0.0033	5 35 42.3	19.742	0.071	93.8	185 192	5 5985
8311	8.7	23 19 50.22	+3.0962	−0.0034	−5 45 38.5	+19.745	+0.070	93.8	179 189	6 6204
8312	*9.3	20 24.38	3.0992	0.0038	6 33 35.8	19.754	0.069	93.8	182 192* 203	6 6206
8313	9.2	20 26.64	3.1096	0.0052	9 6 29.1	19.754	0.069	93.7	174 186	9 6186
8314	9.1	20 32.41	3.1065	0.0048	8 22 43.7	19.756	0.069	93.8	177 181 190 203	8 6111
8315	9.0	20 38.29	3.0953	0.0033	5 38 56.6	19.757	0.069	93.8	185 192	5 5989
8316[2]	9.2	23 20 55.34	+3.1034	−0.0044	−7 41 10.8	+19.761	+0.068	94.1	180 187 281	7 6011
8317	7.6	21 24.08	3.1009	0.0040	7 9 25.6	19.768	0.067	93.8	180 187	7 6012
8318	8.4	21 29.42	3.0954	0.0033	5 46 57.8	19.770	0.067	93.8	179 189	6 6213
8319	9.3	22 49.52	3.1059	0.0048	8 44 20.7	19.789	0.064	93.7	177 193	8 6115
8320	9.1	23 0.34	3.1032	0.0044	8 4 2.0	19.791	0.064	94.0	177 185 190 280	8 6116
8321	8.3	23 23 6.95	+3.0966	−0.0035	−6 22 8.0	+19.793	+0.064	93.8	179 189	6 6218
8322	8.9	23 23.49	3.1067	0.0049	9 4 43.7	19.797	0.063	93.8	174 186 203	9 6197
8323	7.4	23 37.41	3.0947	0.0033	5 56 22.6	19.800	0.063	93.8	179 189	6 6220
8324	8.7	23 46.53	3.1021	0.0044	7 57 9.5	19.802	0.062	93.7	177 193	8 6118
8325	9.4	23 48.24	3.0992	0 0039	7 11 9.1	19.803	0.062	94.1	180 187 281	7 6025I
8326	9.1	23 23 49.13	+3.0992	−0.0039	−7 11 24.6	+19.803	+0.062	94.1	180 187 281	7 6025II
8327	7.1	23 50.30	3.1091	0.0054	9 48 58.3	19.803	0.062	93.7	174 186	10 6120
8328	9.1	24 18.64	3.1032	0.0045	8 21 40.1	19.809	0.061	93.8	181 185 190 203	8 6119
8329	8.4	24 26.53	3.0995	0.0040	7 23 13.0	19.811	0.061	93.8	182 192	7 6027
8330	8.9	24 28.57	3.1062	0.0050	9 13 13.8	19.812	0.061	93.7	174 186	9 6202
8331	8.4	23 24 29.77	+3.0976	−0.0037	−6 51 44.6	+19.812	+0.061	93.8	180 192	7 6028
8332	8.7	24 48.68	3.0971	0.0037	6 48 52.1	19.816	0.060	93.8	182 192	7 6029
8333	9.3	25 20.17	3.1004	0.0042	7 49 38.8	19.823	0.059	94.2	177 280	8 6124
8334	8.4	25 48.42	3.0922	0.0030	5 36 42.9	19.829	0.058	93.8	179 189	5 6003
8335	7.0	25 51.71	3.0965	0.0036	6 50 19.4	19.830	0.058	93.8	180 187	7 6036
8336	9.1	23 26 8.67	+3.0920	−0.0029	−5 36 45.5	+19.834	+0.058	93.8	179 189	5 6004
8337	9.1	26 21.88	3.0973	0.0038	7 10 29.6	19.836	0.057	94.1	182 187 281	7 6037
8338	8.9	26 35.97	3.1031	0.0047	8 52 48.4	19.839	0.057	93.7	174 181 186	9 6206
8339	8.8	27 28.36	3.0949	0.0034	6 41 26.1	19.850	0.055	93.8	182 185 189	6 6229
8340	9.2	27 35.93	3.1011	0.0045	8 34 34.6	19.852	0.055	93.8	177 181 190 203	8 6130
8341	*8.4	23 27 45.78	+3.1048	−0.0051	−9 42 41.4	+19.854	+0.054	93.7	174 186*	9 6210
8342	9.5	27 46.88	3.0931	0.0031	6 13 11.0	19.854	0.054	93.8	179 192	6 6230
8343	8.2	28 1.77	3.0954	0.0036	6 57 11.7	19.857	0.054	93.8	180 187	7 6046
8344	9.7	28 11.33	3.0964	0.0038	7 18 37.4	19.859	0.054	94.4	180 281 282	7 6047
8345	9.0	28 37.36	3.0909	0.0028	5 41 3.2	19.864	0.053	94.1	185 189 282	5 6012
8346	9.0	23 29 1.12	+3.0918	−0.0030	−6 2 14.9	+19.869	+0.052	93.8	179 192	6 6234
8347	9.1	29 17.38	3.0947	0.0035	7 2 0.6	19.872	0.051	93.8	182 187	7 6051
8348	9.1	29 52.19	3.1002	0.0046	8 55 26.2	19.879	0.050	93.7	174 186	9 6216
8349	*7.9	29 54.42	3.0981	0.0041	8 13 50.1	19.879	0.050	93.7 96.7	177 190* 432δ	8 6141
8350	8.8	30 21.59	3.0960	0.0039	7 42 16.9	19.885	0.049	93.8	180 203	7 6052

[1] Dpl. med. (*8m.1 *8m.4) [2] Dpl. maj., com. 10m

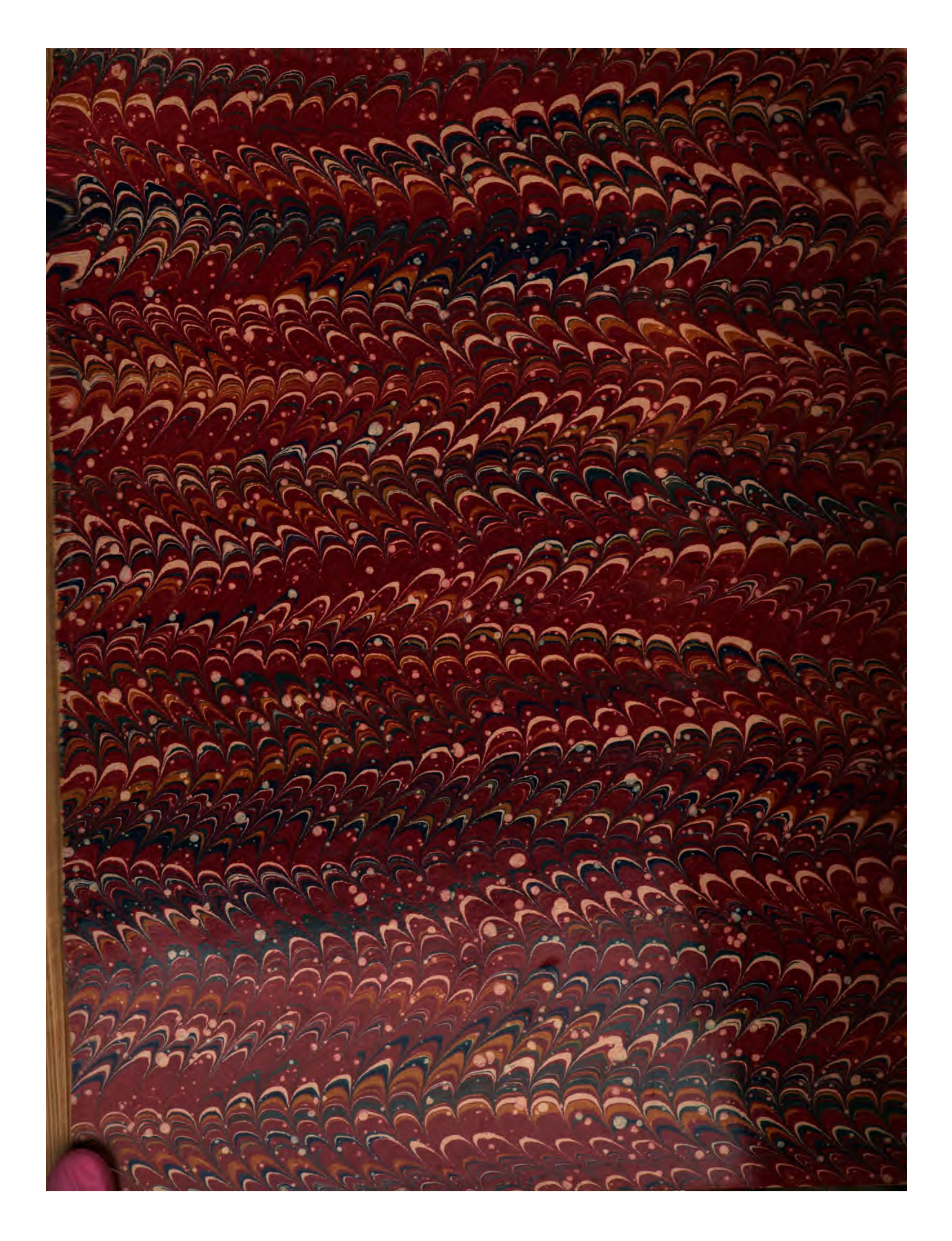
Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
8351	**6.5**	**23^h 30^m 22^s.55**	**+3^s.0970**	**−0^s.0043**	**−8° 1′ 4″.5**	**+19″.885**	**+0″.055**		**Fund. Cat.**	**8° 6142**
8352	8.9	30 37.85	3.0916	0.0031	6 18 6.6	19.888	0.049	93.8	179 189	6 6239
8353	9.1	30 39.39	3.0912	0.0030	6 11 35.6	19.888	0.049	93.8	179 192	6 6240
8354	9.3	30 45.53	3.0923	0.0032	6 33 39.1	19.889	0.049	94.1	185 189 282	6 6242
8355	7.7	30 50.58	3.1006	0.0047	9 19 6.2	19.890	0.048	93.7	174 193	9 6220
8356	7.9	23 31 8.25	+3.0953	−0.0037	−7 40 11.1	+19.893	+0.048	93.8	180 192	7 6055
8357	9.1	31 14.07	3.0989	0.0044	8 53 49.7	19.894	0.048	93.7	174 186	9 6221
8358	8.9	32 27.75	3.0886	0.0026	5 39 40.5	19.907	0.045	93.8	182 192	5 6022
8359	*8.6	32 43.60	3.0909	0.0031	6 31 49.2	19.910	0.045	93.8	179* 189	6 6248
8360	9.0	32 51.07	3.0963	0.0041	8 29 44.8	19.911	0.045	93.8	177 190 193 203	8 6152
8361	7.2	23 33 2.59	+3.0981	−0.0045	−9 10 50.4	+19.914	+0.044	93.7	174 186	9 6224
8362	8.9	33 24.03	3.0905	0.0030	6 32 30.1	19.917	0.044	93.8	179 185 189	6 6251
8363	9.1	33 46.97	3.0982	0.0046	9 29 39.4	19.921	0.043	93.7	174 186	9 6225
8364	9.4	34 8.29	3.0953	0.0041	8 31 57.7	19.925	0.042	93.8	177 203	8 6158
8365	9.1	34 15.16	3.0884	0.0027	6 0 49.9	19.926	0.042	93.8	182 192	6 6253
8366	*8.9	23 34 22.80	+3.0888	−0.0028	−6 9 46.3	+19.927	+0.042	93.8	182 189*	6 6254
8367	*7.8	34 42.01	3.0884	0.0028	6 6 1.0	19.930	0.041	93.8	179 185* 189	6 6256
8368	9.2	35 22.48	3.0932	0.0038	8 7 35.3	19.936	0.040	93.8	177 190 193	8 6165
8369	7.4	35 39.02	3.0938	0.0040	8 28 2.6	19.939	0.039	93.7	177 190	8 6166
8370	8.5	36 1.25	3.0900	0.0031	7 1 54.0	19.942	0.039	94.1	180 187 281	7 6070
8371	9.1	23 36 14.06	+3.0951	−0.0043	−9 11 1.5	+19.944	+0.038	93.7	174 186	9 6232
8372	8.6	36 26.93	3.0954	0.0044	9 22 39.5	19.946	0.038	93.7	174 186	9 6233
8373	9.0	36 32.36	3.0872	0.0026	6 3 39.3	19.947	0.038	93.8	182 192	6 6261
8374	*7.6	36 43.86	3.0883	0.0029	6 32 13.9	19.949	0.037	94.1	185* 192 282	6 6262
8375	8.5	37 13.74	3.0946	0.0044	9 22 53.4	19.953	0.036	93.7	174 186	9 6237
8376	9.4	23 37 30.67	+3.0905	−0.0035	−7 45 27.8	+19.956	+0.036	94.2	177 280	8 6174
8377	8.8	37 54.31	3.0909	0.0036	8 3 29.6	19.959	0.035	93.7	177 190	8 6175
8378	9.3	37 55.52	3.0942	0.0044	9 31 3.4	19.959	0.035	94.2	182 280	9 6239
8379	9.2	38 10.08	3.0901	0.0035	7 47 53.4	19.961	0.034	94.9	203 337	8 6176
8380	9.0	38 15.26	3.0941	0.0045	9 35 46.7	19.962	0.034	93.8	182 193	9 6242
8381	9.1	23 38 18.92	+3.0889	−0.0032	−7 18 27.0	+19.962	+0.034	93.8	180 187	7 6073
8382	8.7	38 33.86	3.0899	0.0035	7 53 19.0	19.964	0.034	94.5	177 193 337	8 6179
8383	8.5	38 41.64	3.0876	0.0029	6 49 33.7	19.965	0.033	93.8	180 187	7 6074
8384	*8.8	38 43.93	3.0858	0.0025	5 58 51.3	19.966	0.033	93.8	179* 192	6 6269
8385	8.9	38 52.88	3.0918	0.0040	8 49 35.8	19.967	0.033	93.7	174 186	9 6244
8386	9.4	23 39 16.40	+3.0861	−0.0026	−6 19 52.5	+19.970	+0.032	94.1	185 189 282	6 6273
8387	8.2	39 29.44	3.0925	0.0042	9 24 14.4	19.972	0.032	93.8	174 203	9 6247
8388	9.2	39 29.61	3.0862	0.0026	6 26 34.8	19.972	0.032	94.2	179 281	6 6275
8389	9.0	39 31.29	3.0866	0.0027	6 41 8.2	19.972	0.032	94.5	185 192 337	6 6276
8390	*8.3	39 32.98	3.0916	0.0040	9 1 4.0	19.972	0.032	94.2	182* 280	9 6248
8391[1]	9.1	23 39 34.35	+3.0935	−0.0045	−9 54 15.1	+19.972	+0.032	93.8	182 186	10 6164
8392	*8.7	39 38.89	3.0883	0.0032	7 29 28.5	19.973	0.032	94.2	180* 281	7 6078
8393	9.0	40 44.96	3.0855	0.0026	6 29 20.3	19.981	0.029	93.8	179 192	6 6282
8394	9.1	41 8.80	3.0906	0.0040	9 12 29.6	19.984	0.029	93.8	174 203	9 6256
8395	8.9	41 18.85	3.0858	0.0027	6 51 25.6	19.985	0.028	93.8	180 187	7 6082
8396	9.4	23 41 19.53	+3.0847	−0.0024	−6 16 41.3	+19.986	+0.028	94.3	192 282	6 6284
8397	*7.7	41 23.89	3.0909	0.0042	9 33 1.9	19.986	0.028	93.8	182 186*	9 6258
8398	8.9	41 33.78	3.0840	0.0023	6 0 54.4	19.987	0.028	94.5	185 189 337	6 6286
8399	7.6	41 41.61	3.0905	0.0042	9 27 6.3	19.988	0.028	93.8	182 193	9 6260
8400	9.3	42 1.46	3.0897	0.0039	9 13 17.4	19.990	0.027	93.8	174 203	9 6261

[1] Z. 182: 9^m.5 nahe

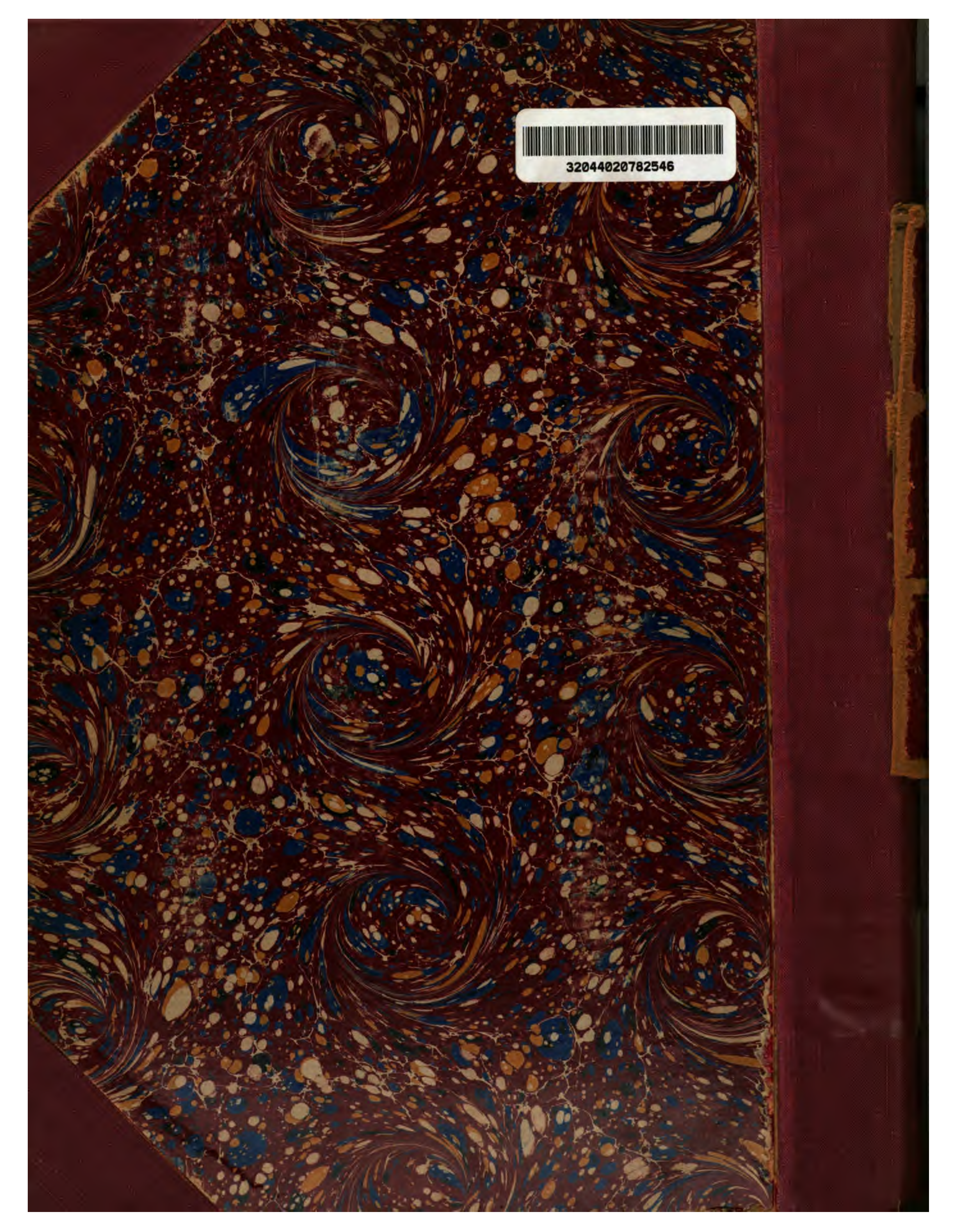
Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
8401	9.3	23h 42m 5s.61	+3s.0879	−0s.0035	−8° 17′ 12″.4	+19″.991	+0″.027	94.1	177 190 280	8° 6188
8402	9.2	42 10.35	3.0834	0.0023	5 54 15.0	19.991	0.027	94.1	185 192 282	6 6289
8403	7.9	42 29.85	3.0842	0.0025	6 22 52.3	19.994	0.026	93.8	179 189	6 6291
8404	8.5	42 43.94	3.0829	0.0021	5 47 42.5	19.995	0.026	93.8	182 192	6 6293
8405	8.9	43 15.49	3.0896	0.0043	9 48 21.7	19.999	0.024	93.7	174 186	10 6170
8406	6.5	23 43 24.10	+3.0845	−0.0027	−6 56 8.1	+20.000	+0.024	93.8	180 187	7 6086
8407	9.1	43 34.65	3.0828	0.0022	5 58 31.5	20.001	0.024	93.8	182 192	6 6296
8408	9.2	43 37.24	3.0873	0.0037	8 42 5.0	20.001	0.024	93.7	177 193	8 6194
8409	9.4	43 40.75	3.0860	0.0033	7 58 6.9	20.001	0.024	94.4	203 290	8 6196
8410	9.2	43 58.22	3.0850	0.0030	7 31 18.2	20.003	0.023	95.1	281 282 337	7 6089
8411	8.0	23 44 24.40	+3.0825	−0.0022	−6 6 31.5	+20.006	+0.022	93.8	182 189	6 6297
8412	8.5	45 41.70	3.0827	0.0025	6 49 23.0	20.013	0.020	94.3	192 282	7 6093
8413	8.8	46 37.16	3.0812	0.0021	6 14 8.4	20.018	0.018	93.8	182 189	6 6303
8414	*8.9	46 38.07	3.0826	0.0027	7 10 9.3	20.018	0.018	94.3	187 282*	7 6095
8415	*9.0	46 42.51[1]	3.0825	0.0027	7 10 9.8	20.018	0.018	94.5	187 282* 290	7 6096
8416	9.1	23 46 54.47	+3.0810	−0.0021	−6 9 24.6	+20.019	+0.017	93.8	182 189	6 6305
8417	9.3	47 2.17	3.0809	0.0021	6 11 5.6	20.020	0.017	94.5	185 189 337	6 6306
8418	*8.0	47 36.52	3.0847	0.0038	9 27 4.2	20.023	0.016	93.7	174 186*	9 6275
8419	8.9	47 37.07	3.0850	0.0039	9 42 5.4	20.023	0.016	96.3	193 286 297 403	9 6276
8420	9.2	47 41.14	3.0817	0.0025	7 5 14.2	20.023	0.016	94.1	180 203 281	7 6101
8421	6.2	23 47 41.73	+3.0848	−0.0038	−9 33 8.8	+20.023	+0.016	93.7	174 186	9 6277
8422	10	47 54.90	3.0832	0.0032	8 22 23.5	20.024	0.015	94.2	177 280	8 6205
8423	8.4	47 59.00	3.0815	0.0026	7 12 21.7	20.024	0.015	94.3	187 290	7 6104
8424	9.1	47 59.92	3.0800	0.0018	5 53 27.4	20.025	0.015	93.8	182 192	6 6309
8425	9.3	48 16.24	3.0794	0.0017	5 36 12.2	20.026	0.014	94.5	185 192 337	5 6072
8426	7.4	23 48 54.37	+3.0839	−0.0040	−9 50 46.9	+20.029	+0.013	93.7 96.7	174 193 432δ	10 6192
8427	9.1	49 13.06	3.0796	0.0020	6 16 33.3	20.030	0.013	93.8	179 189	6 6313
8428	9.0	49 17.07	3.0809	0.0026	7 23 18.2	20.030	0.012	94.2	180 187 281 282	7 6110
8429	9.0	49 59.03	3.0820	0.0034	8 59 53.4	20.033	0.011	94.1	182 186 297	9 6285
8430	8.9	50 14.07	3.0821	0.0036	9 17 59.2	20.034	0.011	93.8	182 200	9 6286
8431	7.8	23 50 35.95	+3.0820	−0.0038	−9 37 1.2	+20.035	+0.010	93.8	185 186	9 6287
8432	8.9	51 19.28	3.0785	0.0020	6 32 2.7	20.038	0.008	93.8	179 189	6 6322
8433	8.7	51 53.73	3.0793	0.0028	7 54 36.1	20.039	0.007	93.7	177 193	8 6213
8434	*8.8	51 55.75	3.0784	0.0022	6 48 48.2	20.040	0.007	93.8	180 187*	7 6115
8435	*8.8	52 1.64	3.0776	0.0017	6 0 49.5	20.040	0.007	93.8	179 189*	6 6324
8436	9.0	23 52 3.35	+3.0789	−0.0025	−7 28 20.2	+20.040	+0.007	94.1	187 192 282	7 6116
8437	*8.8	52 38.49	3.0788	0.0027	7 55 54.4	20.042	0.006	93.7	177 193*	8 6215
8438	8.5	52 40.02	3.0772	0.0016	6 0 54.0	20.042	0.006	93.8	179 189	6 6329
8439	9.3	52 46.27	3.0797	0.0035	9 30 54.5	20.042	0.005	94.7	280	9 6294
8440	8.8	53 40.36	3.0788	0.0034	9 22 53.1	20.044	0.004	94.3	186 286	9 6295
8441	8.3	23 53 59.95	+3.0783	−0.0032	−9 2 37.1	+20.045	+0.003	94.3	203 286	9 6296
8442	8.9	54 7.39	3.0772	0.0024	7 26 50.2	20.045	0.003	94.8	192 337	7 6123
8443	8.7	54 27.58	3.0774	0.0028	8 21 47.2	20.046	0.002	94.4	203 290	8 6222
8444	7.0	54 32.84	3.0763	0.0018	6 26 54.0	20.046	0.002	94.8	189 337	6 6335
8445	8.8	54 52.43	3.0759	0.0015	6 3 3.1	20.047	0.001	94.3	189 292	6 6337
8446	9.2	23 54 59.25	+3.0773	−0.0030	−8 45 18.8	+20.047	+0.001	94.3	186 286	9 6300
8447	9.3	55 15.73	3.0774	0.0035	9 38 53.2	20.048	0.000	94.4	200 297	9 6301
8448	9.4	55 29.99	3.0761	0.0023	7 21 16.7	20.048	0.000	93.8	180 192	7 6126
8449	9.2	55 38.36	3.0763	0.0026	8 2 57.7	20.048	0.000	94.3	193 290	8 6227
8450	8.4	55 55.34	3.0754	0.0016	6 23 30.0	20.049	−0.001	96.8 99.7	179a 281 403 432δ	6 6341

[1] 42s.49 42s.48(½) 42s.54

Nr.	Gr.	A.R. 1900	Praec.	Var. saec.	Decl. 1900	Praec.	Var. saec.	Ep.	Zonen	B.D.
8451	8.0	23h 55m 59s.95	+3s.0754	−0s.0017	−6° 25′ 51″.8	+20″.049	−0″.001	93.8	179 203	6° 6342
8452	9.3	56 10.65	3.0764	0.0033	9 28 59.8	20.049	0.001	94.3	186 286	9 6304
8453	[5.0]	56 49.85	3.0748	0.0017	6 34 11.2	20.050	0.003	93.4	90 189	6 6345
8454	8.4	56 52.42	3.0746	0.0013	5 46 17.8	20.050	0.003	94.4	203 292	6 6346
8455	9.2	57 4.24	3.0755	0.0033	9 31 57.5	20.050	0.003	94.3	186 286	9 6307
8456	8.4	23 57 9.55	+3.0755	−0.0034	−9 43 53.3	+20.051	−0.003	94.4	200 297	9 6309
8457	9.2	57 10.00	3.0749	0.0023	7 31 39.6	20.051	0.003	93.8	180 187	7 6135
8458	8.8	57 16.65	3.0746	0.0018	6 36 54.5	20.051	0.004	94.8	281 292	6 6349
8459	8.6	57 27.75	3.0742	0.0013	5 44 37.1	20.051	0.004	94.4	203 296	5 6100
8460	9.0	57 31.54	3.0750	0.0029	9 2 41.1	20.051	0.004	94.4	200 297	9 6310
8461	9.4	23 57 40.22	+3.0743	−0.0018	−6 48 53.3	+20.051	−0.004	93.8	180 192	7 6137
8462	[8.1]	57 55.52	3.0745	0.0026	8 22 20.9	20.051	0.005	94.3	193 290	8 6231
8463	9.0	58 3.54	3.0743	0.0025	8 15 55.0	20.051	0.005	94.1	193 196 290	8 6233
8464	9.0	58 9.84	3.0738	0.0013	6 1 3.0	20.051	0.005	93.8	179 189	6 6351
8465	8.8	59 11.85	3.0735	0.0033	9 48 24.6	20.052	0.007	94.3	186 286	10 6221
8466	8.4	23 59 23.15	+3.0732	−0.0021	−7 31 17.9	+20.052	−0.008	94.1	180 192 281	7 6142
8467	*8.6	59 32.64	3.0731	0.0027	8 44 28.9	20.052	0.008	94.3	193* 290	8 6240
8468	9.0	59 49.37	3.0728	0.0022	7 50 1.4	20.052	0.009	94.3	196 296	8 6241




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